

FIG.P  
(PRIOR ART)

**FIG. PA**

## FIG. PB

PRIOR ART:  
WHERE SUPPORT OR  
STUD IS AT PANEL  
EDGES-AND WITH  
INVISIBLE SEAM

NAILS, STAPLES, AND  
SUCH CANNOT BE EASILY  
ACCESSED, FOUND, NOR  
CAN THEY BE EASILY  
REMOVED WITHOUT  
DAMAGE TO PANEL IN  
PART BECAUSE THEY  
ARE UNDER COVERING  
OF MUD COMPOUND

SCREWS CANNOT BE  
EASILY ACCESSED, FOUND,  
AND REMOVED BECAUSE  
THEY ARE UNDER  
COVERING OF MUD  
COMPOUND

STEP #

1

PANELS ARE SECURED  
BY NON-REMOVABLE  
MEANS  
SEE FIG.P, ITEM P04A

A

NON-REMOVABLE FASTNERS

2

JOINT/SEAM IS  
FILLED WITH MUD  
COMPOUND  
SEE FIG.P, ITEM P05A

A

MUD COMPOUND FILLS AND HIDES  
SCREW FASTNER HEADS MAKING  
REMOVAL IMPRACTICAL

B

MUD COMPOUND STICKS TO PANEL  
WHICH INHIBITS REUSE OF PANEL

3

APPLY POROUS PAPER  
TAPE OVER JOINT/  
SEAM AND FASTENERS  
SEE FIG.P, ITEM P10A

A

TAPE HELPS HOLD PANELS TOGETHER,  
BUT REQUIRES MUD COMPOUND TO  
ADHEAR OR BOND PANEL TO TAPE

B

TAPE GIVES STRUCTURAL INTEGRITY  
TO MUD COMPOUND

4

"FLOAT" MUD  
COMPOUND OVER  
THE POROUS TAPE  
SEE FIG.P, ITEM P12A

A

CURES TO FORM A UNITARY BOND  
WITH THE TAPE, SHEET ROCK,  
FASTNERS & COMPOUND

B

MUD COMPOUND SERVES A PURPOSE  
TO ADHEAR OR BOND PANEL TO  
TAPE

5

MUD IS SANDED  
SMOOTH TO FORM  
INVISIBLE SEAM  
SEE FIG.P, ITEM P14A

A

MUD COMPOUND SERVES A PURPOSE  
TO PROVIDE A SURFACE THAT CAN  
BE SANDED OR FLOATED SMOOTH  
TO MAKE THE JOINT/SEAM  
INVISIBLE

B

C

00000-00000000

# STEPS OF ASSEMBLY METHOD

# DESCRIPTIVE INFORMATION

STEP #

1

PANEL SECURED  
BY NON-REMOVABLE  
MEANS  
SEE FIG.P, ITEM P04B

A

NON-REMOVABLE  
FASTNERS

B

NAILS, STAPLES, ETC.  
CANNOT BE EASILY  
ACCESSED, FOUND,  
AND REMOVED WITHOUT  
DAMAGE TO PANEL  
BECAUSE THEY ARE  
HIDDEN UNDER COVERING  
OF MUD COMPOUND

2

~~REPLACED~~  
NOT APPLICABLE

C

SCREWS CANNOT BE  
EASILY ACCESSED,  
FOUND, AND REMOVED  
THEY ARE HIDDEN  
UNDER COVERING OF  
MUD COMPOUND

3

~~OMITTED~~  
NOT APPLICABLE

4

NOT  
~~REPLACED~~  
APPLICABLE

4B

"FLOAT" MUD  
OVER NON-REMOVABLE  
FASTNER  
SEE FIG.P, ITEM P13B

A

MUD COMPOUND HIDES THE SCREWS  
AND FILLS THE SCREW HEADS,  
AND ADHEREAS TO THE PANEL;  
FASTNERS ARE NOT EASILY  
ACCESSED, FOUND, AND REMOVED  
WITHOUT DAMAGE TO THE PANEL

B

CURES TO FORM A UNITARY BOND  
WITH THE TAPE, SHEET ROCK,  
FASTNERS & COMPOUND

5

~~REPLACED~~  
NOT  
APPLICABLE

5

MUD IS SANDED  
SMOOTH TO FORM  
"SMOOTH SURFACE"  
SEE FIG.P, ITEM P14B

FIG.PC

PRIOR ART:  
WHERE SUPPORT OR STUD  
IS NOT AT PANEL EDGES

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**FIG. 1A**

# STEP #

# STEPS OF ASSEMBLY METHOD

# DESCRIPTIVE INFORMATION

① REPLACED

1A

PANELS ARE SECURED  
BY ~~REMOVABLE~~-REMOVABLE  
MEANS  
SEE FIG.1, ITEM 104A

A

"LONG-TERM"  
REMOVABLE FASTNERS  
TREATED HEADS (TYP.)

B

SCREWS OR  
THE LIKE

② OMITTED OR  
REPLACED

2A

JOINT/SEAM MAYBE  
FILLED; OR PARTIALLY  
FILLED WITH  
REMOVABLE SUBSTANCE  
NOT SHOWN IN FIG.1

C

RELEASABLE  
ADHESIVE

D

"SHORT TERM"/TEMPORARY  
SCREWS HOLD PANELS IN  
PLACE WHILE ADHESIVE  
CURES

③ REPLACED

3A

APPLY "ZIP" TAPE  
TAPE OVER JOINT/  
SEAM

A

IS INSTALLED IN A MANNER THAT PROVIDES  
AN EASILY EXPOSED "TAB" THAT IS BEST  
NOT FLOATED OVER (STEP 4) AND CAN BE  
FOUND AND PULLED SO AS TO "ZIP" UP  
THE WHOLE LENGTH OF TAPE TOGETHER  
WITH THE MUD COVERING

B

"ZIP" TAPE IS SUFFICIENTLY STRONG TO BE  
REMOVED IN UNISON AS A SINGLE PIECE

C

TYPICALLY  
"ZIP" TAPE IS SUFFICIENTLY UNPOROUS TO  
PREVENT MUD COMPOUND FROM PENETRATING  
THROUGH, ~~THE~~ FILL FASTNER HEADS

REGULATE  
OR

④ REPLACED

4A

"FLOAT" MUD OVER  
THE "ZIP" TAPE

D

IS INSTALLED IN A MANNER THAT PROVIDES  
THAT AN "INCISION" CAN BE (1) MADE  
WITHOUT UNREPAIRABLE DAMAGE TO  
SHEETROCK; (2) PRIED UP SO AS TO CREATE  
A "TAB" THAT CAN BE PULLED UP SO AS TO  
"ZIP" UP THE WHOLE LENGTH OF TAPE  
TOGETHER WITH THE MUD COVERING

A

CURES TO FORM A UNITARY BOND WITH  
THE SHEETROCK & COMPOUND ENCLOSING  
THE "ZIP" TAPE

B

TYPICALLY  
DO NOT FLOAT OVER "TAB" THAT IS TO  
BE COVERED BY REMOVABLE TRIM

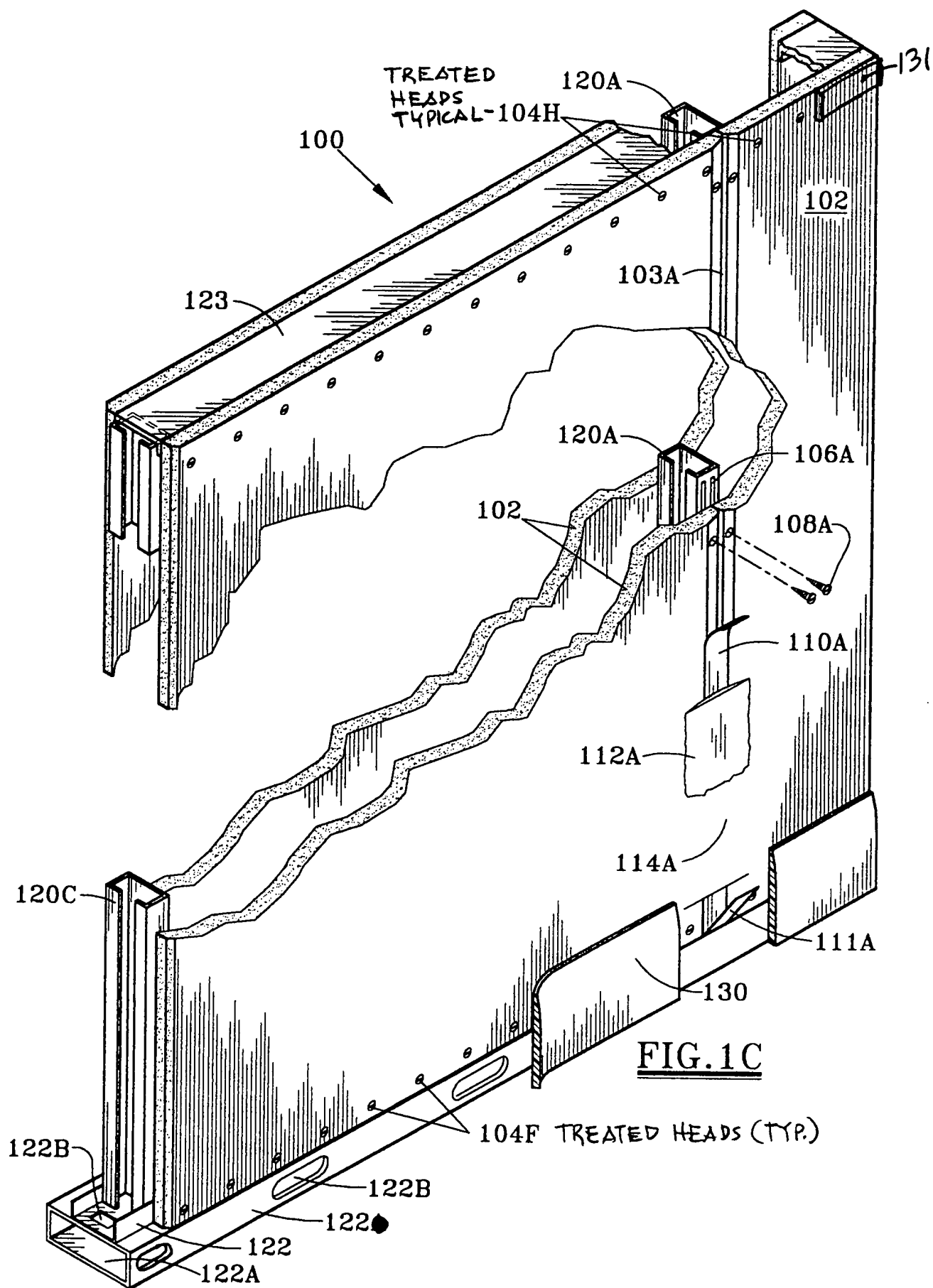
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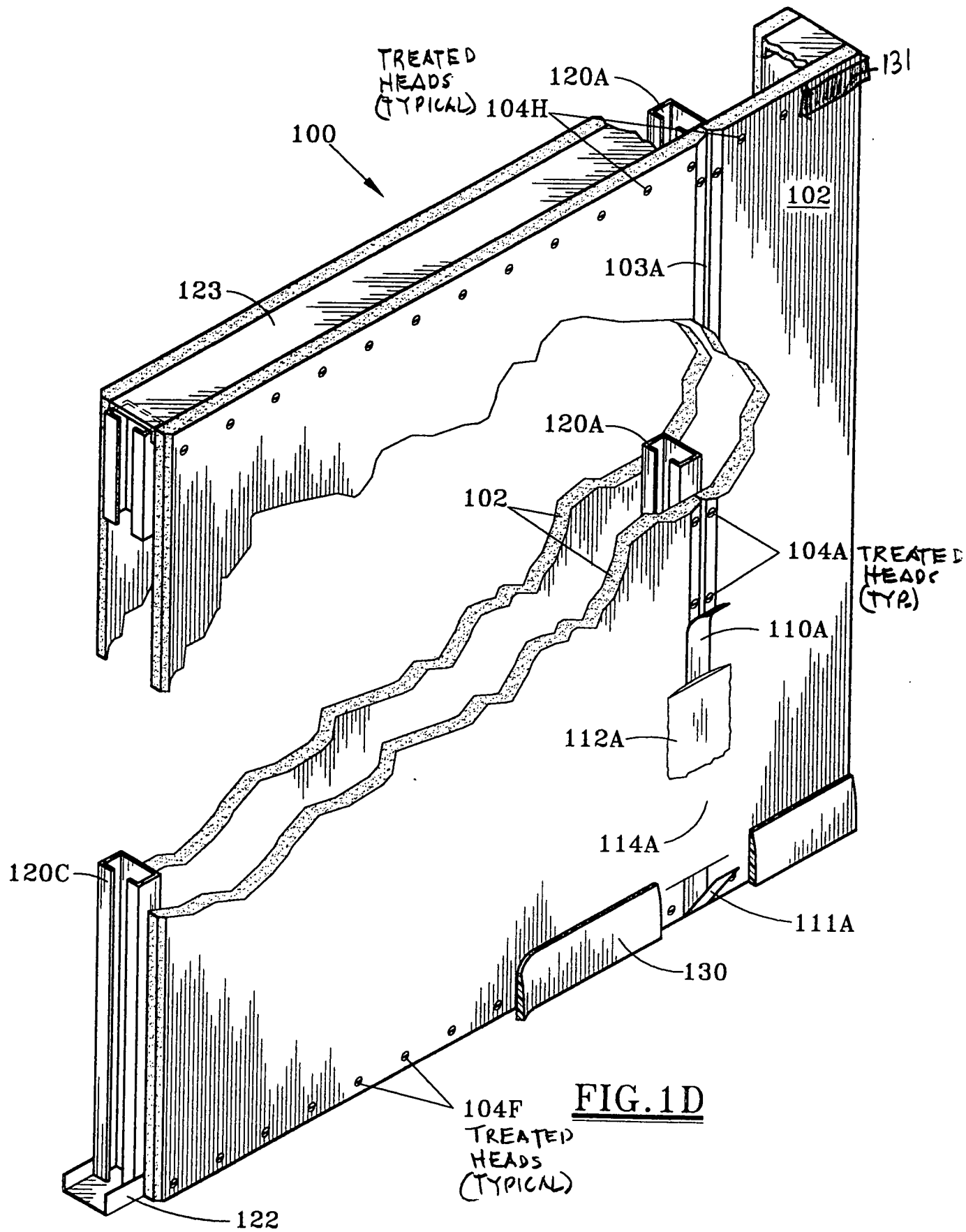
MUD IS SANDED  
SMOOTH TO FORM  
INVISIBLE SEAM

FIG.1B

WHERE SUPPORT OR STUD IS AT PANEL  
EDGES AND WITH INVISIBLE SEAM

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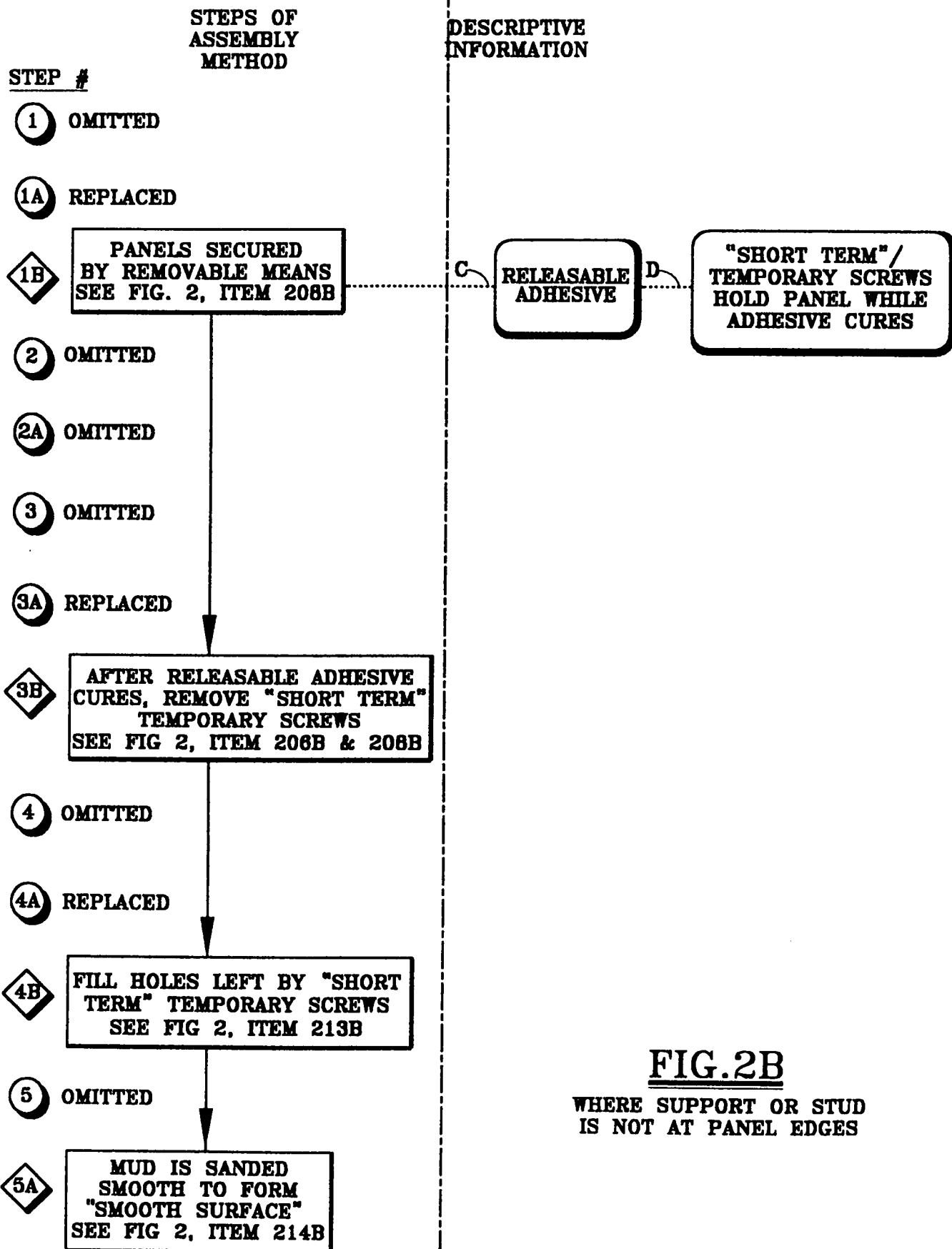




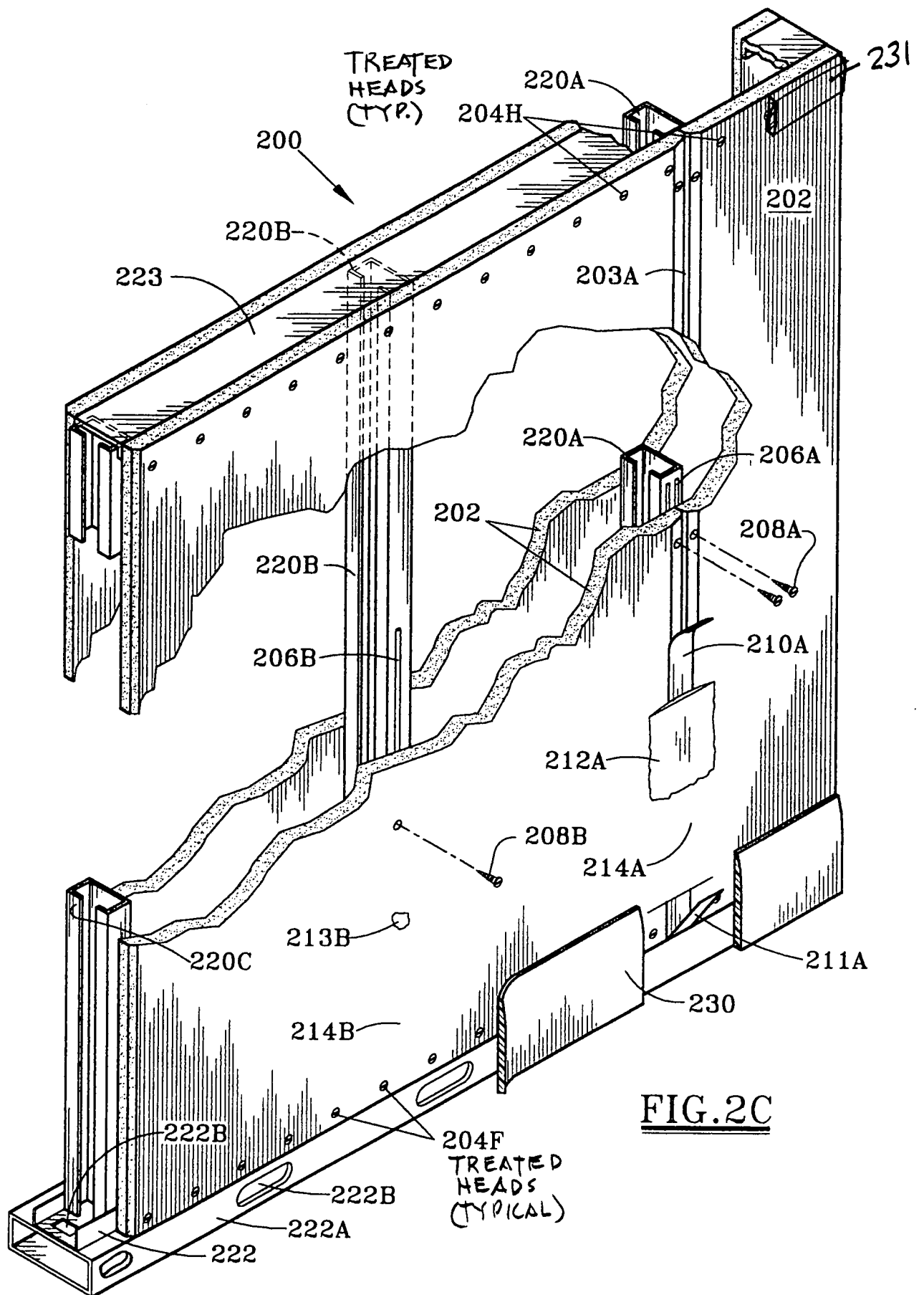


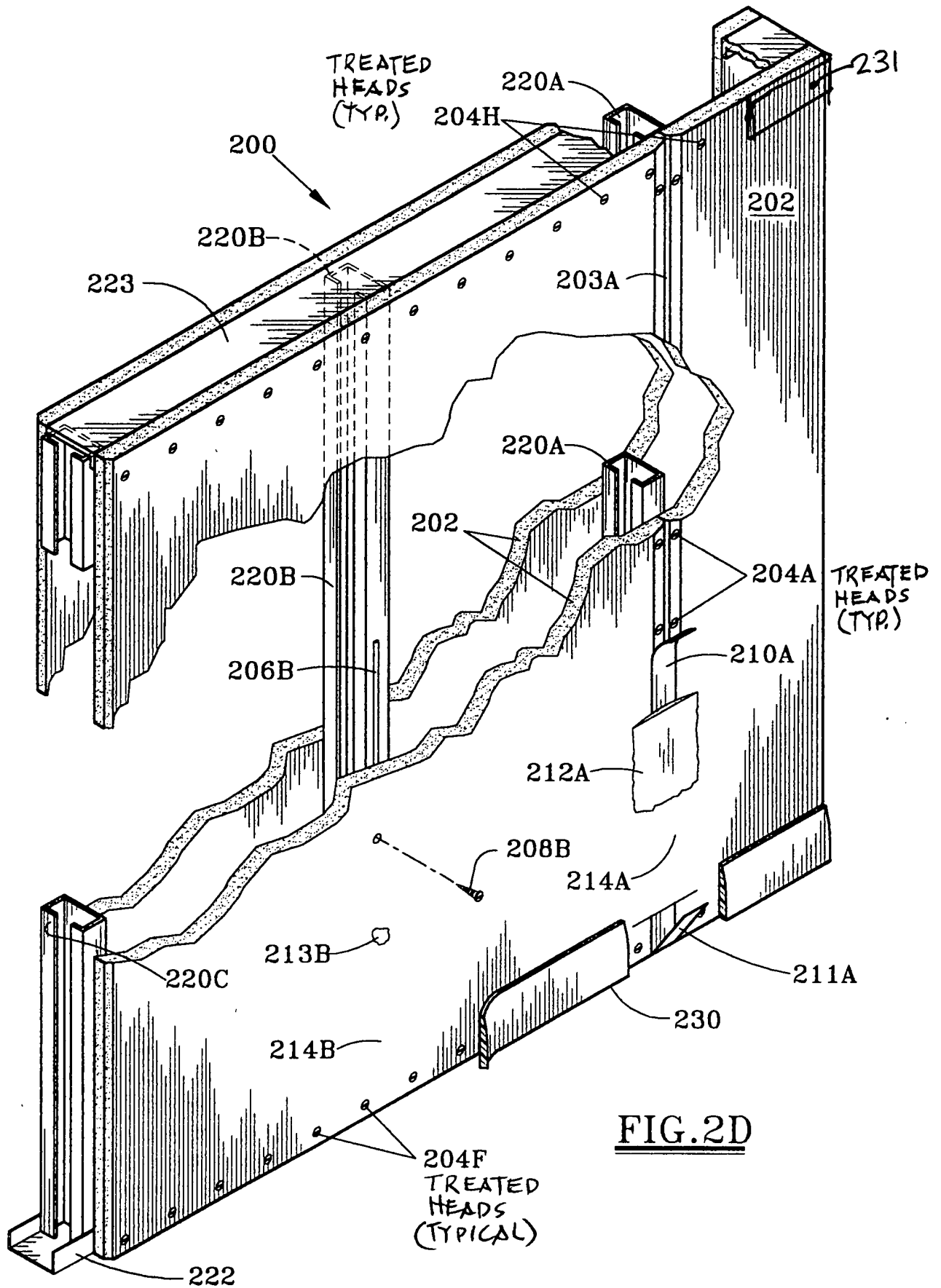


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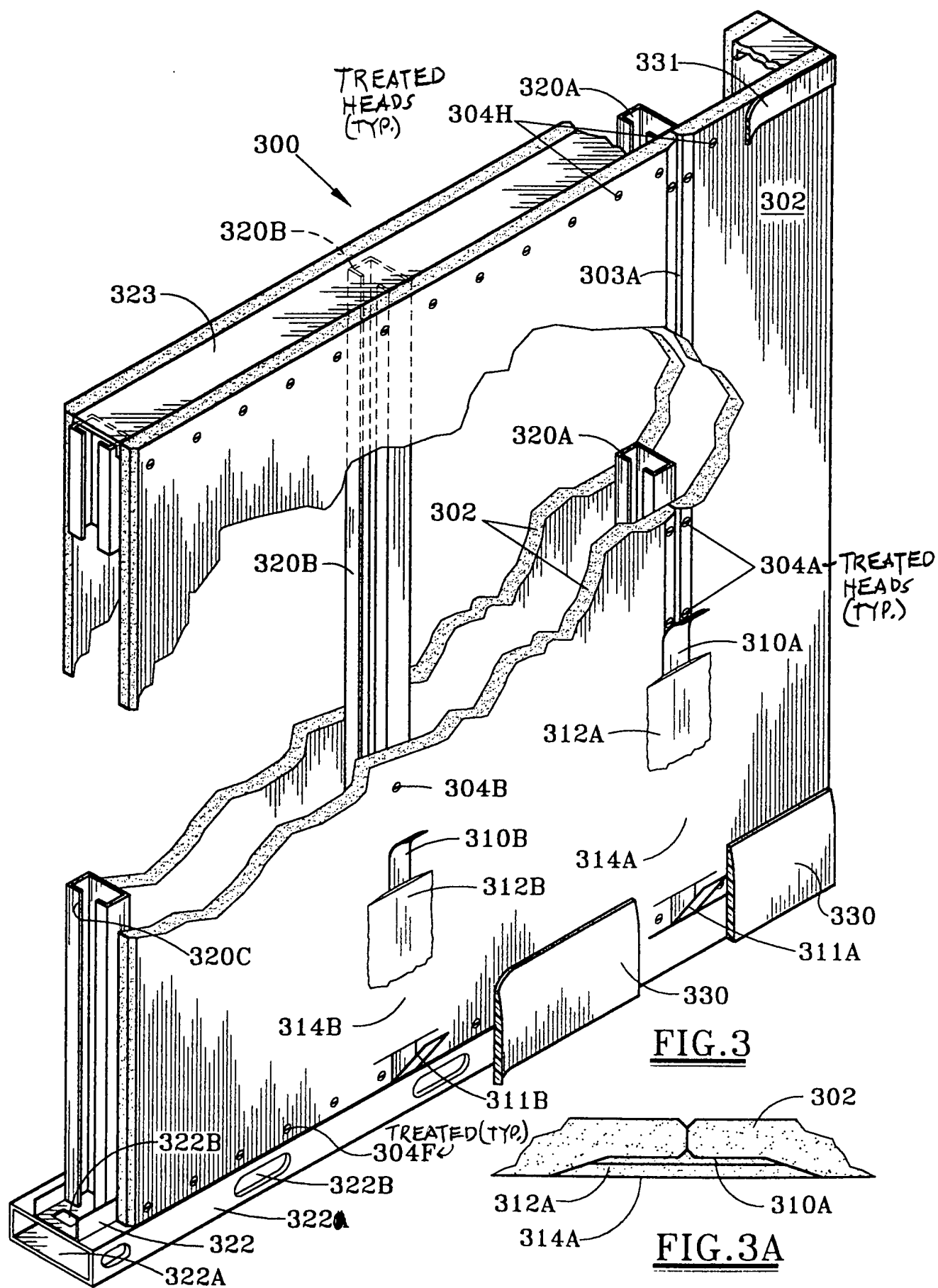
**FIG.2B**  
WHERE SUPPORT OR STUD  
IS NOT AT PANEL EDGES





**FIG. 2D**

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**STEP #**

**STEPS OF  
ASSEMBLY  
METHOD**

**DESCRIPTIVE  
INFORMATION**

① REPLACED

①A OMITTED

①B OMITTED

①C

PANEL SECURED  
BY REMOVABLE MEANS  
SEE FIG.3, ITEM 304B

A

LONG-TERM  
REMOVABLE  
FASTNERS  
HEADS TREATED (TYPICAL)

B

SCREWS AND  
THE LIKE

② OMITTED

②A OMITTED

③ REPLACED

③A

APPLY "ZIP" TAPE  
TAPE OVER JOINT/  
SEAM  
SEE FIG.3, ITEM 310B

A

IS INSTALLED IN A MANNER THAT PROVIDES  
AN EASILY EXPOSED "TAB" THAT IS BEST  
NOT FLOATED OVER (STEP 4) AND CAN BE  
FOUND AND PULLED SO AS TO "ZIP" UP  
THE WHOLE LENGTH OF TAPE TOGETHER  
WITH THE MUD COVERING

B

"ZIP" TAPE IS SUFFICIENTLY STRONG TO BE  
REMOVED IN UNISON AS A SINGLE PIECE

C

"ZIP" TAPE IS SUFFICIENTLY UNPOROUS TO  
PREVENT MUD COMPOUND FROM PENETRATING  
THROUGH ~~THE~~ FILL FASTNER HEADS

REGULATE  
OR

D

IS INSTALLED IN A MANNER THAT PROVIDES  
THAT AN "INCISION" CAN BE (1) MADE  
WITHOUT UNREPAIRABLE DAMAGE TO  
SHEETROCK; (2) PRIED UP SO AS TO CREATE  
A "TAB" THAT CAN BE PULLED UP SO AS TO  
"ZIP" UP THE WHOLE LENGTH OF TAPE  
TOGETHER WITH THE MUD COVERING

④ REPLACED

④A

"FLOAT" MUD OVER  
THE "ZIP" TAPE  
SEE FIG.3, ITEM 312B

A

CURES TO FORM A UNITARY BOND WITH  
THE SHEETROCK & COMPOUND ENCLOSING  
THE "ZIP" TAPE

B

TYPICALLY, DO NOT FLOAT OVER "TAB" THAT  
IS TO BE COVERED BY REMOVABLE TRIM

⑤ REPLACED

⑤A

MUD IS SANDED  
SMOOTH TO FORM  
"SMOOTH SURFACE"  
SEE FIG.3, ITEM 314B

**FIG.3B**

WHERE SUPPORT OR STUD  
IS NOT AT PANEL EDGES; FIRE RATED

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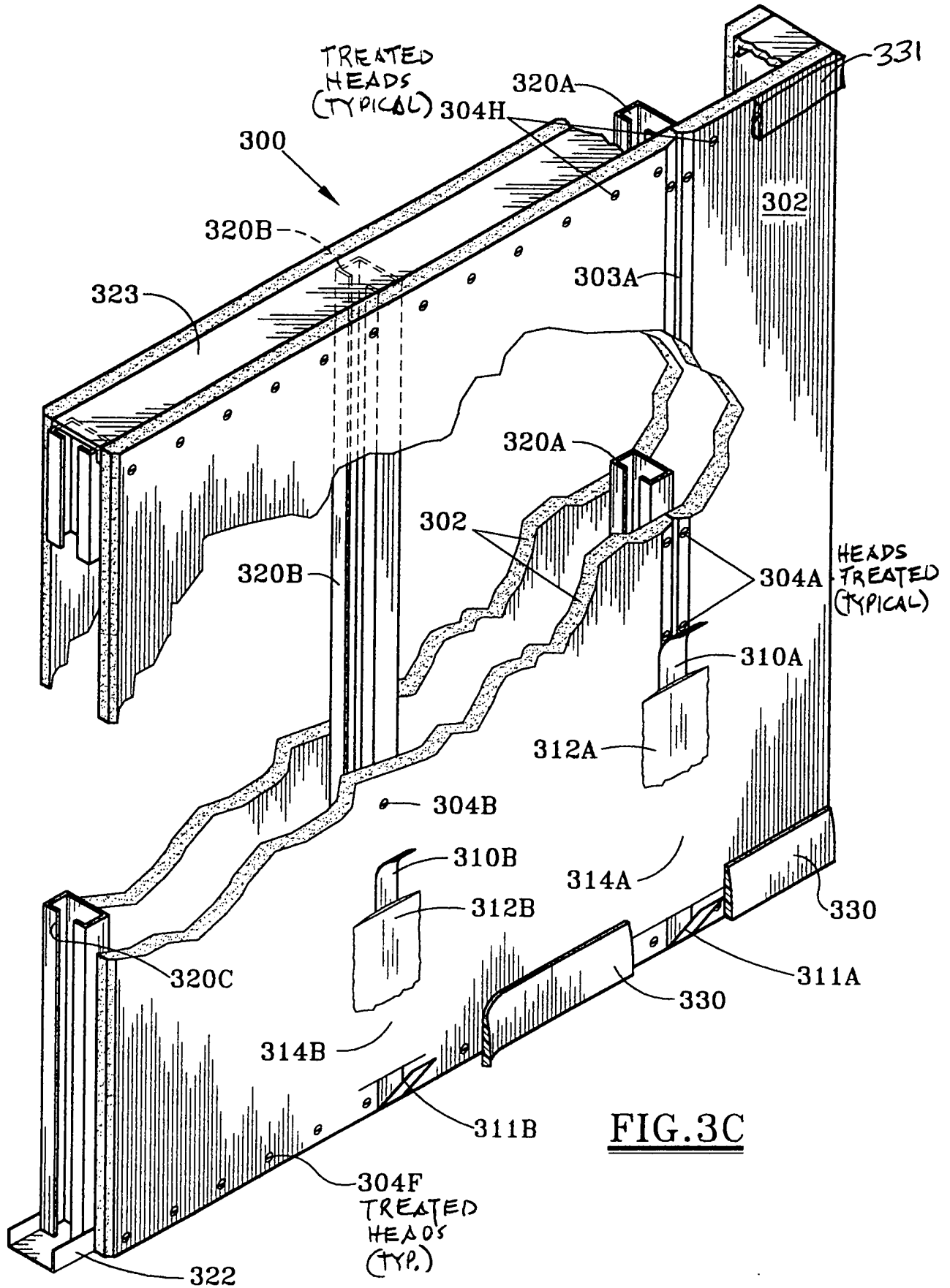


FIG. 3C

**FIG. 4A**

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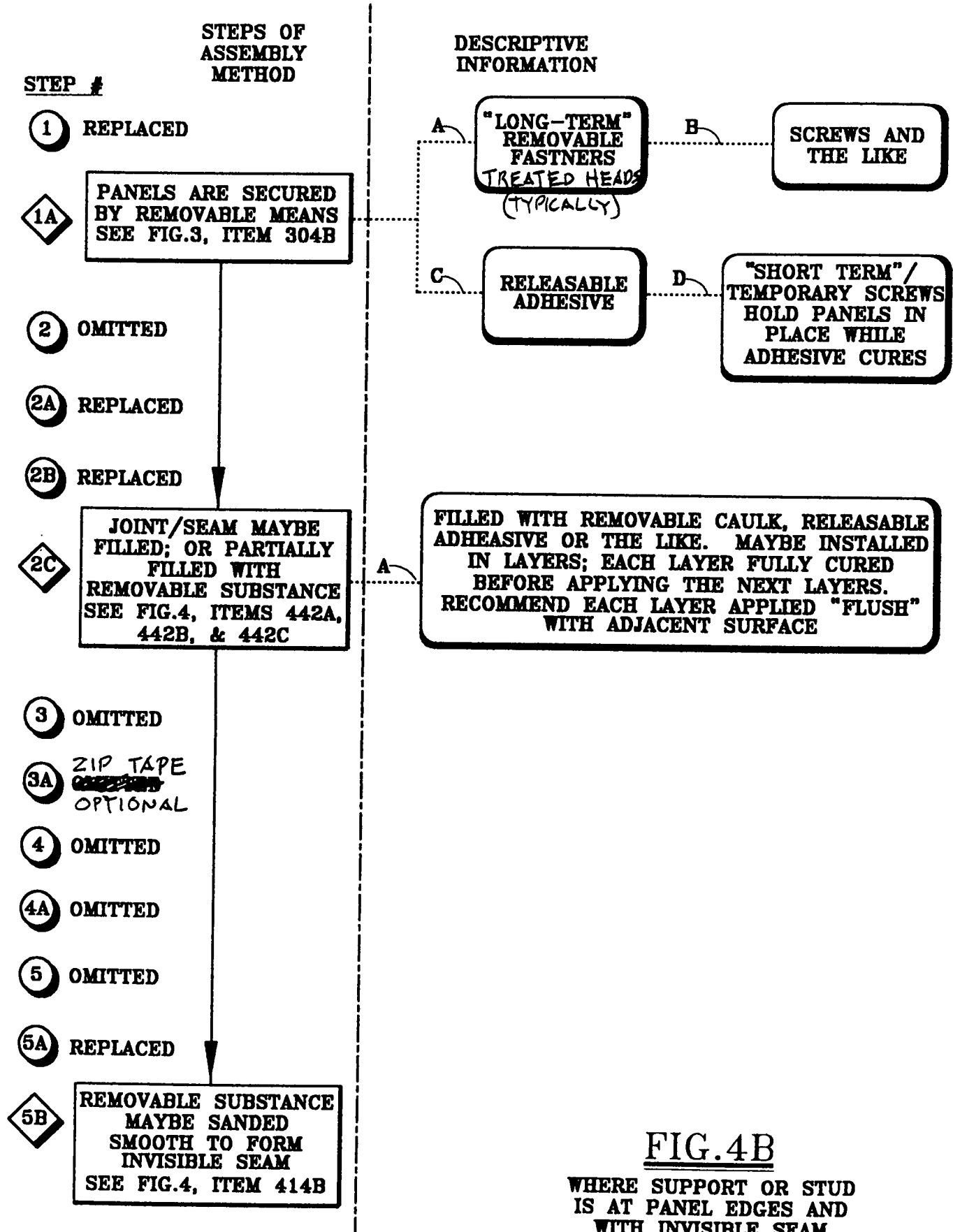
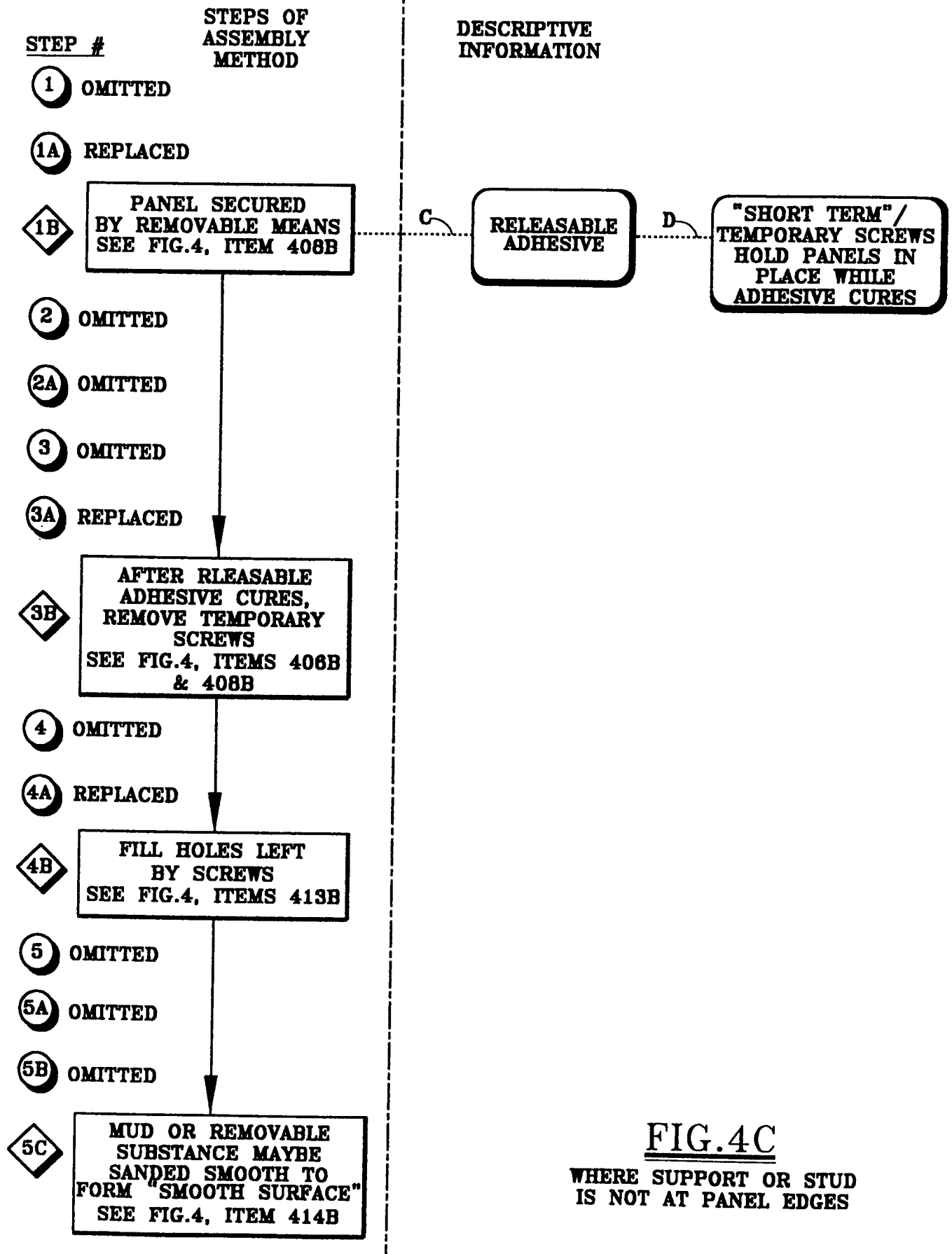


FIG.4B

WHERE SUPPORT OR STUD IS AT PANEL EDGES AND WITH INVISIBLE SEAM

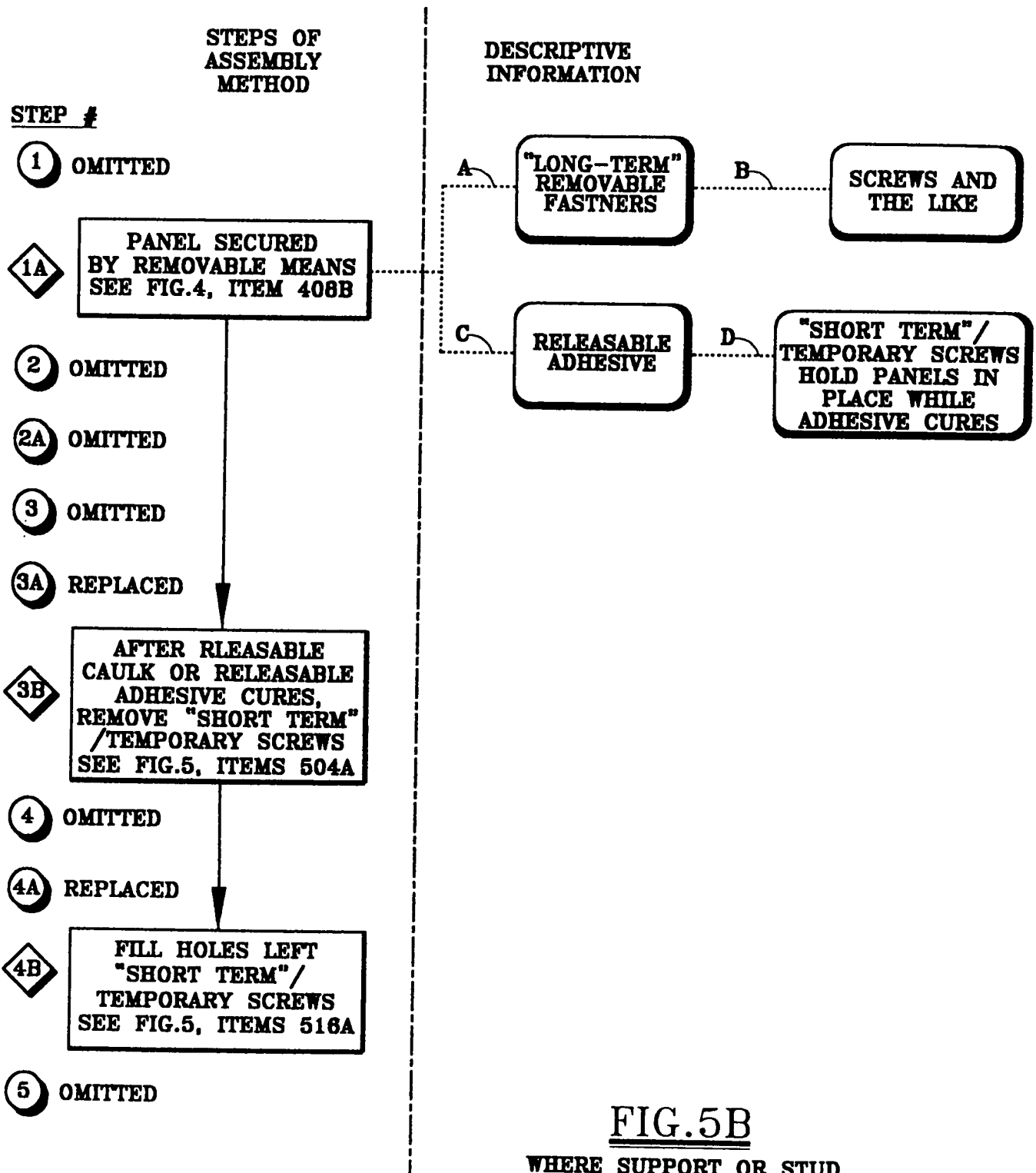


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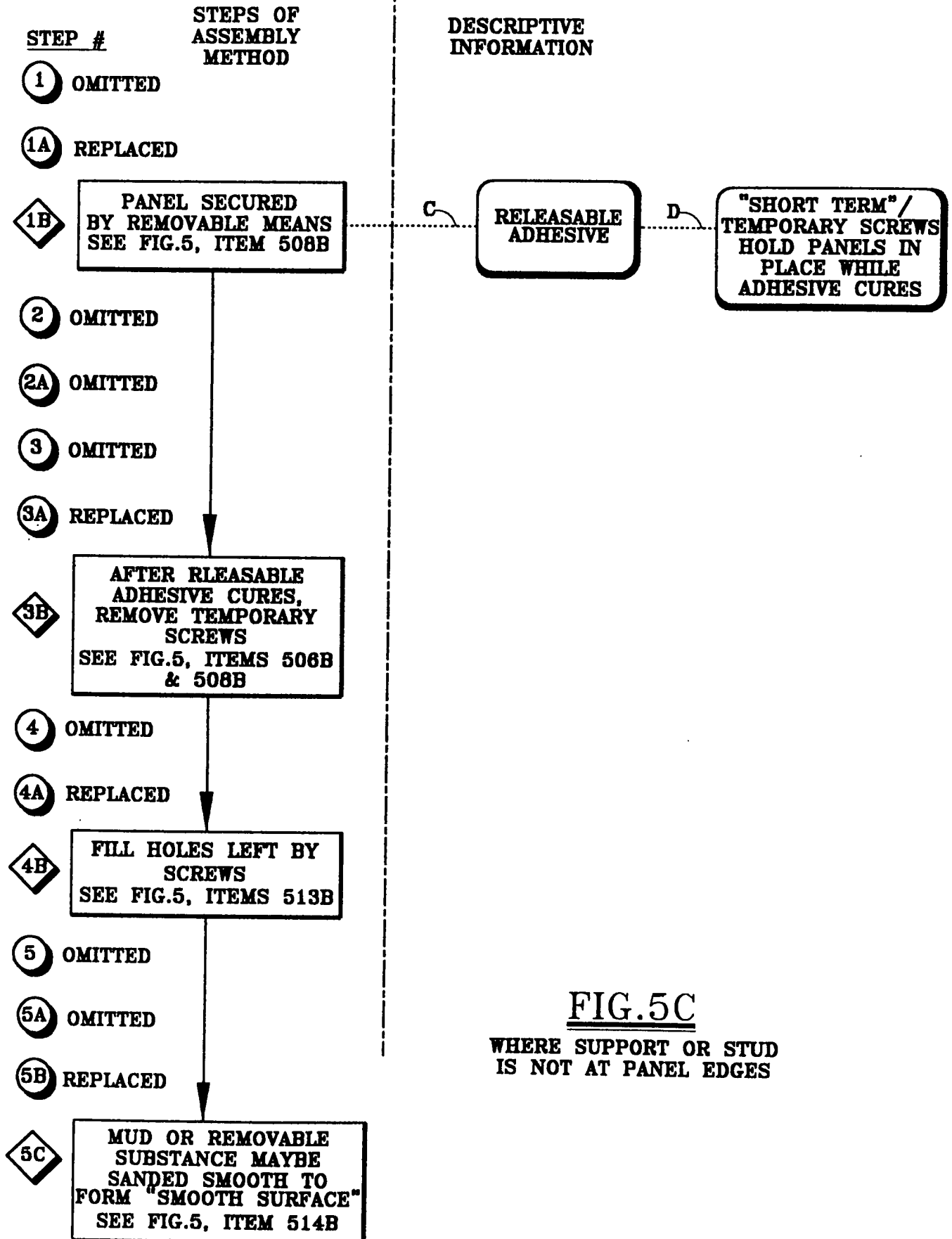
**FIG.4D**





**FIG.5B**  
 WHERE SUPPORT OR STUD  
 IS AT PANEL EDGES--  
 AND WITH VISIBLE SEAM

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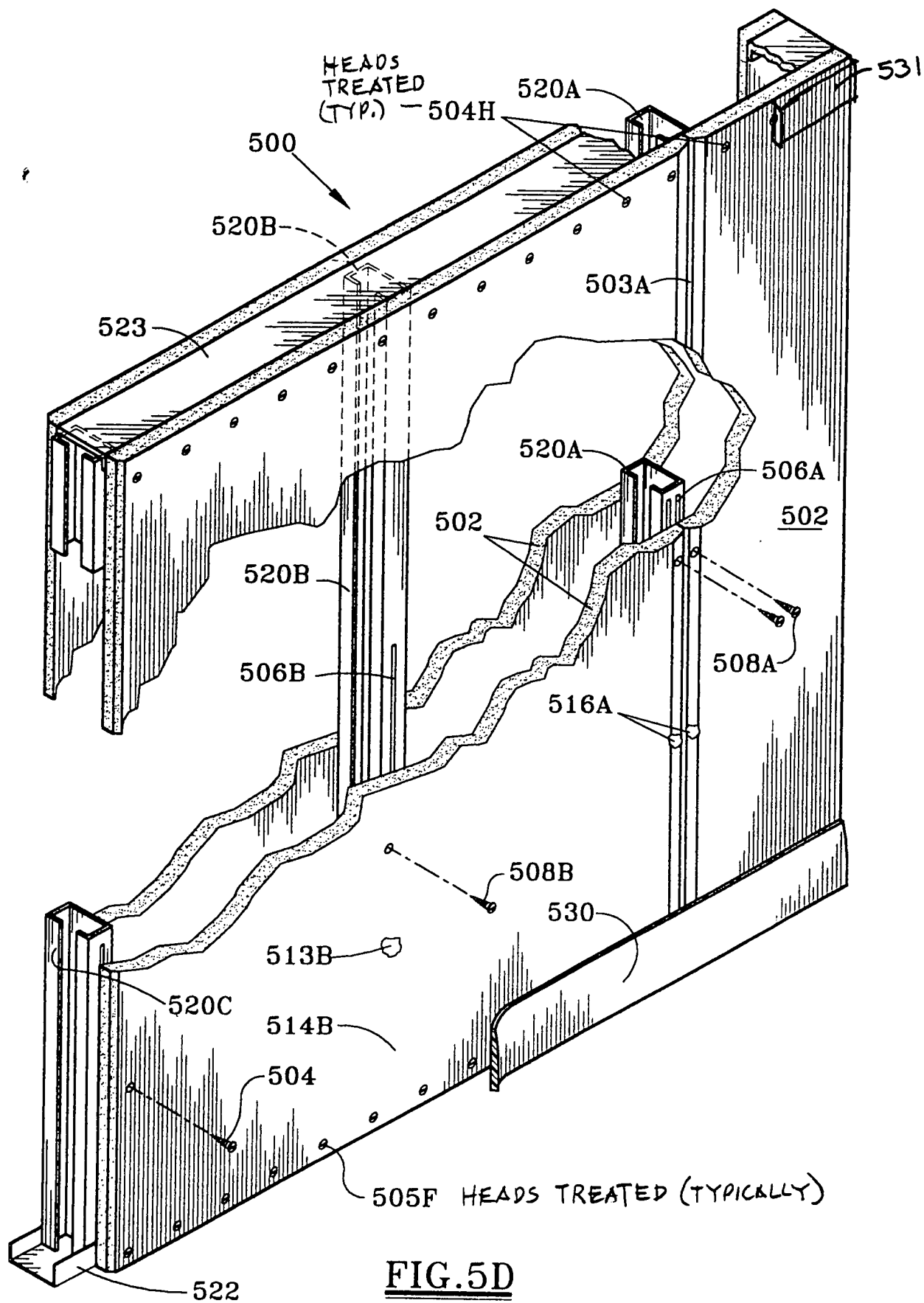


FIG. 5D

FIG. 6

TYPICALLY  
TREATED  
FIG. 6

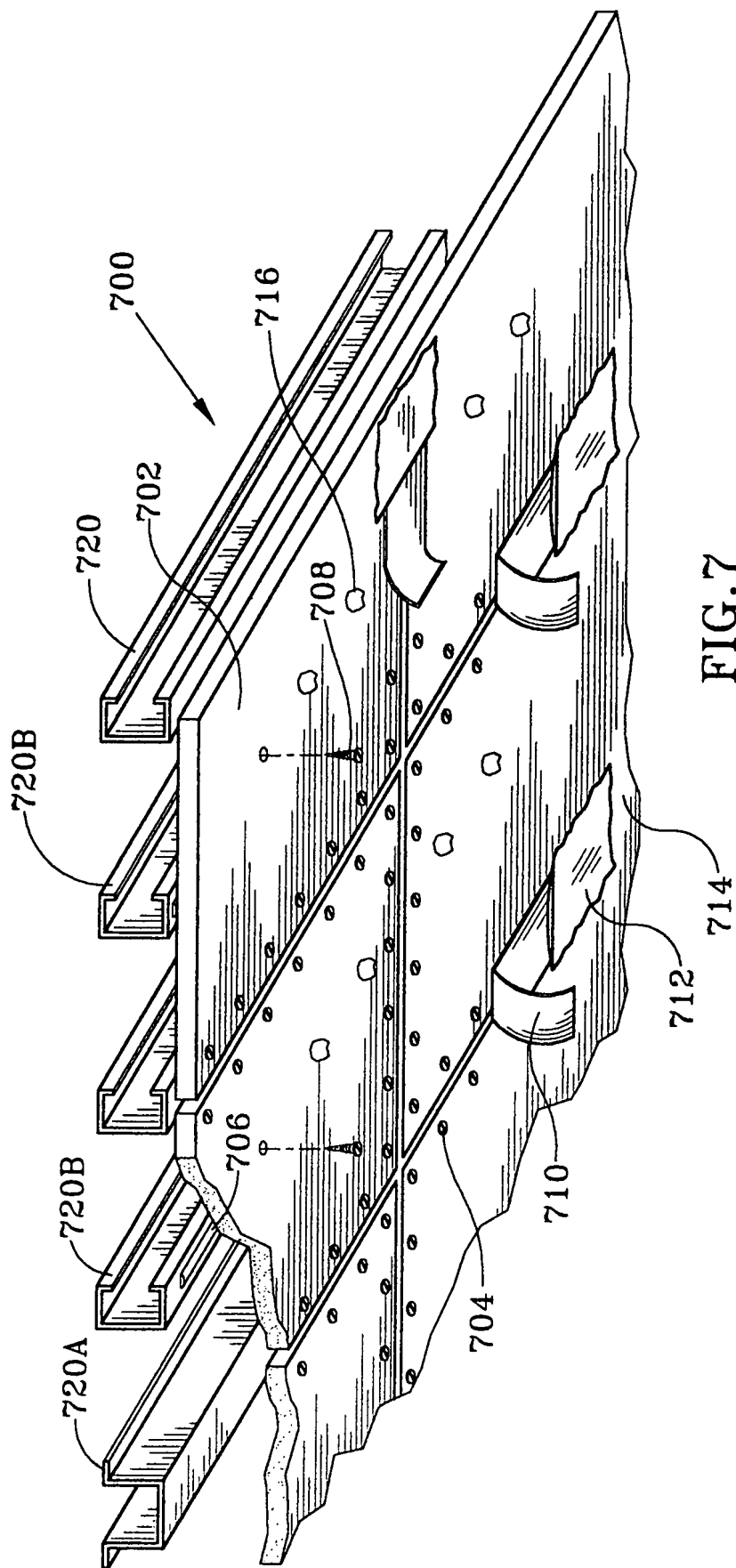


FIG. 7







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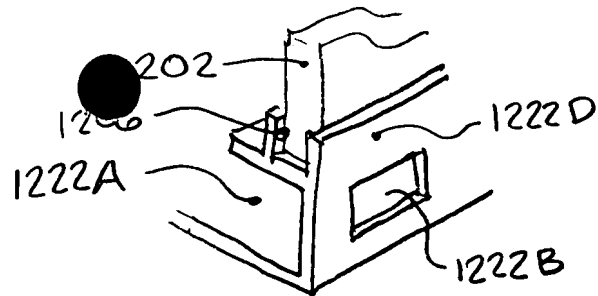


FIG. 12-A

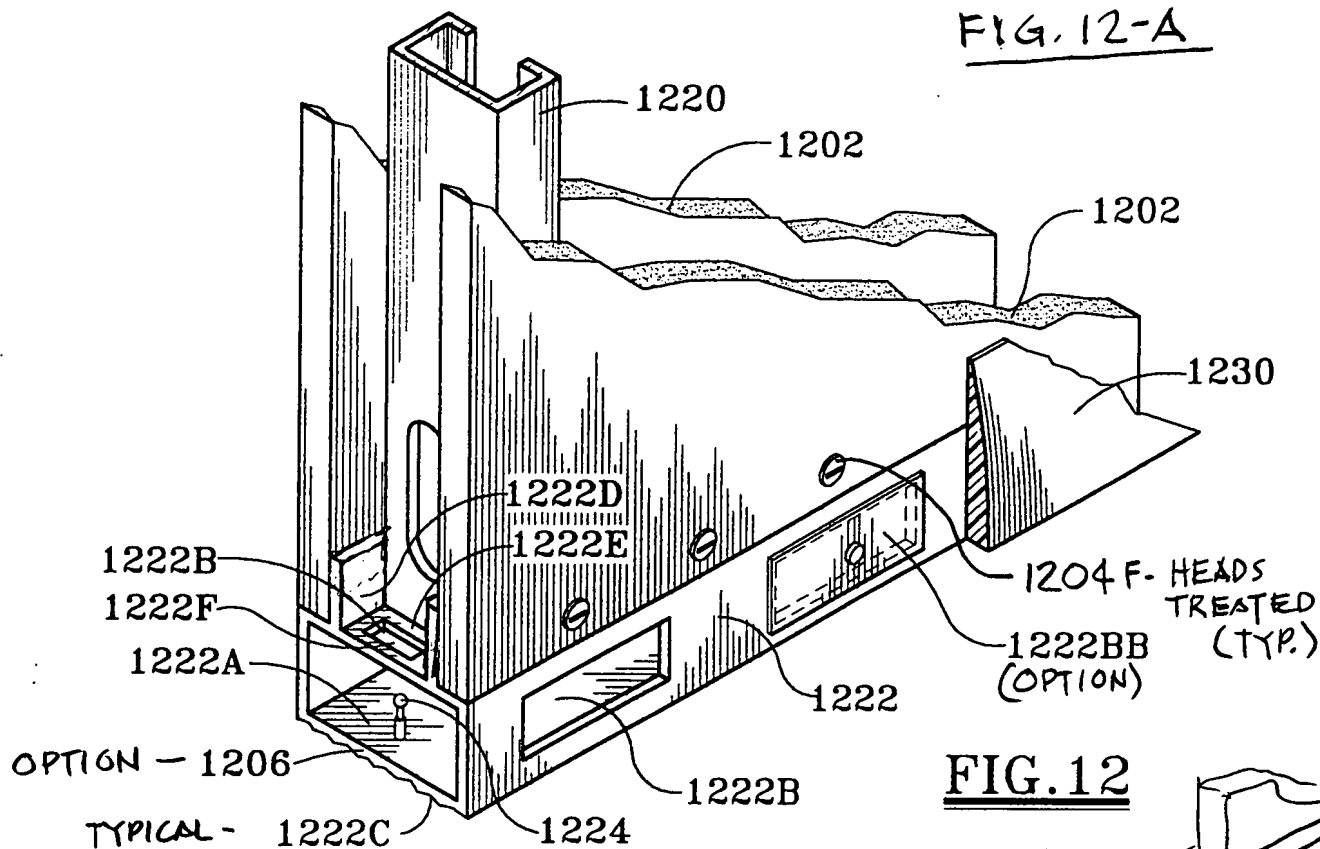


FIG. 12

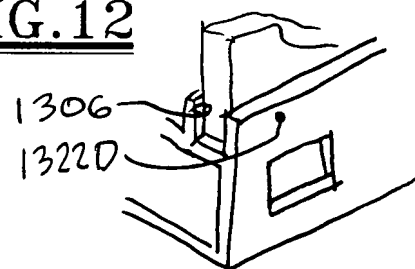


FIG. 13-A

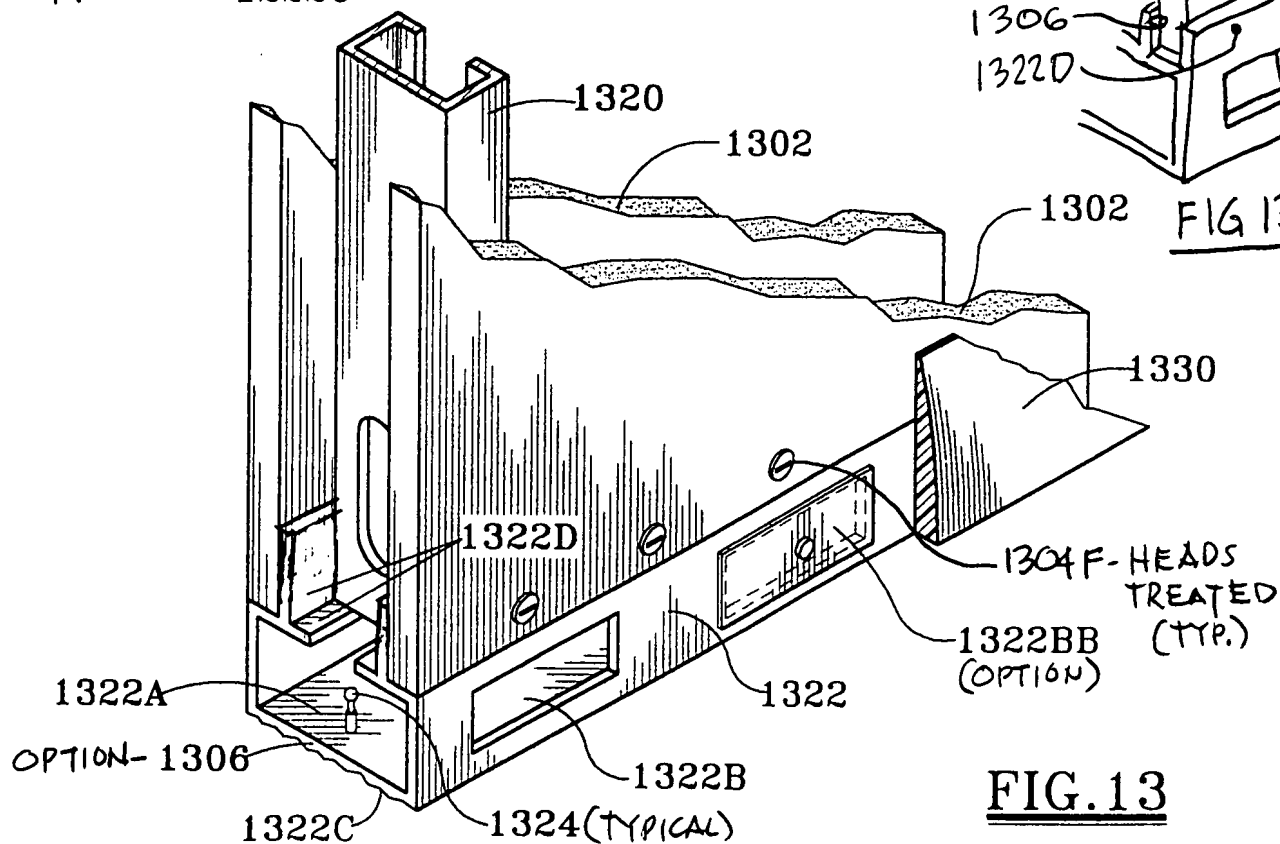


FIG. 13

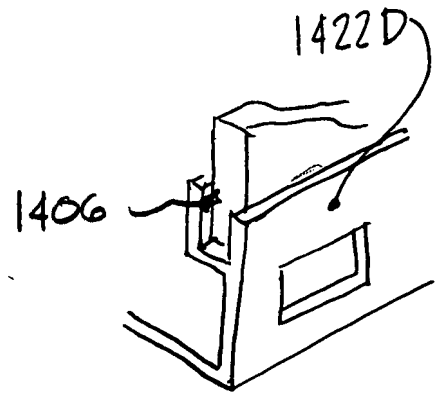


FIG. 14A

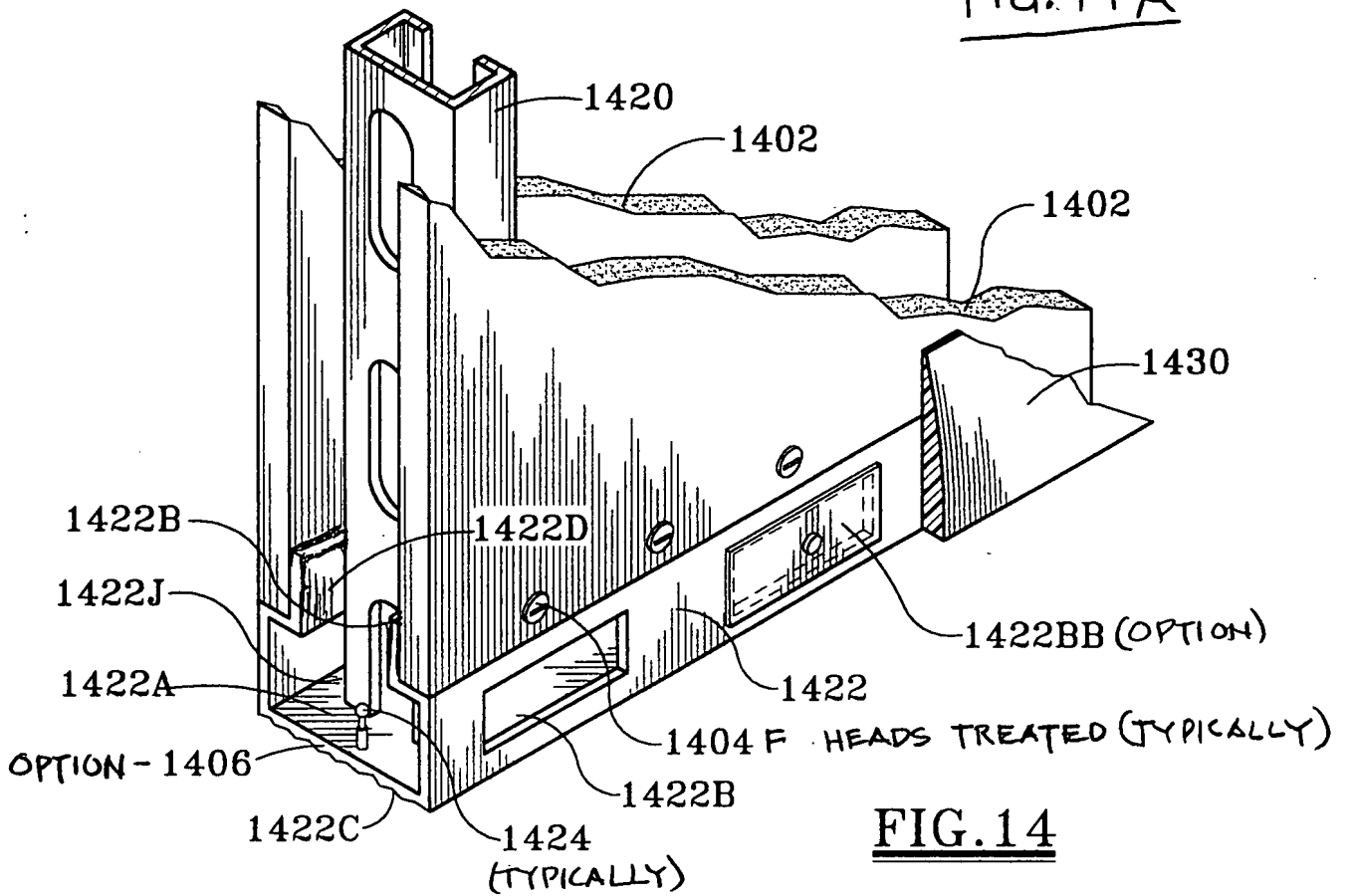


FIG. 14

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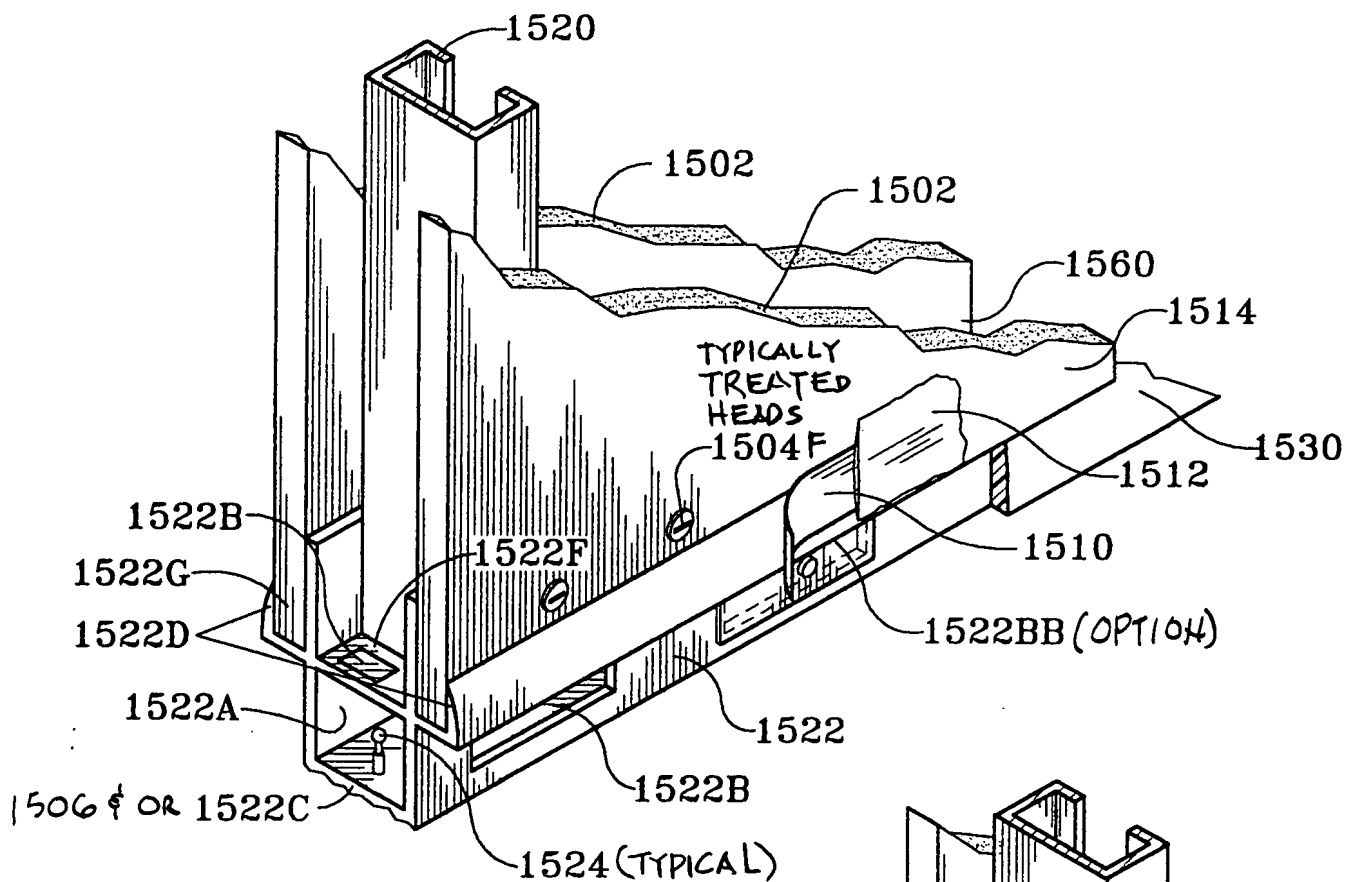


FIG. 15

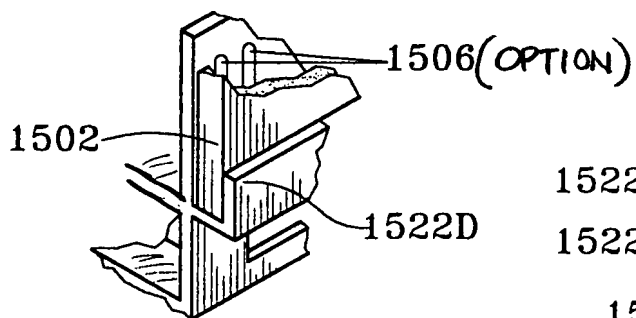


FIG. 15A

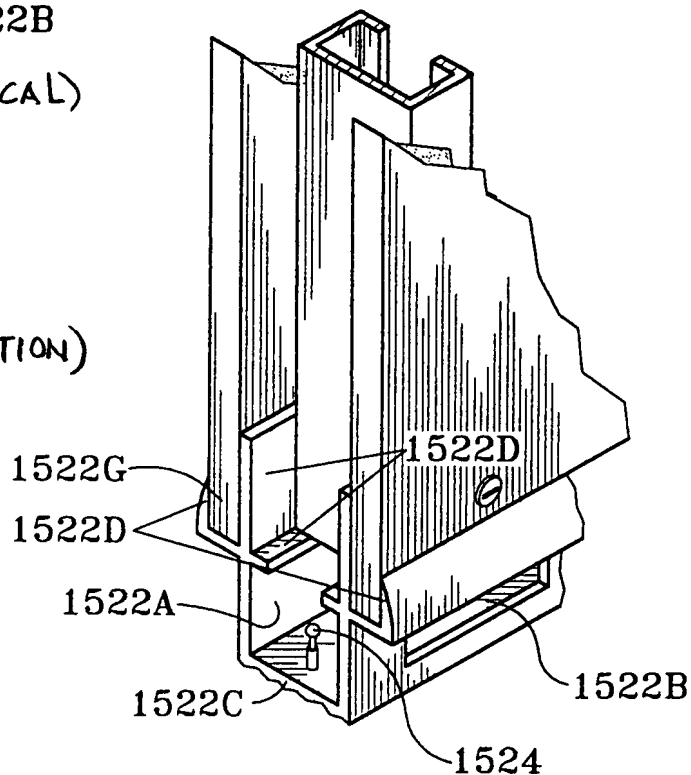
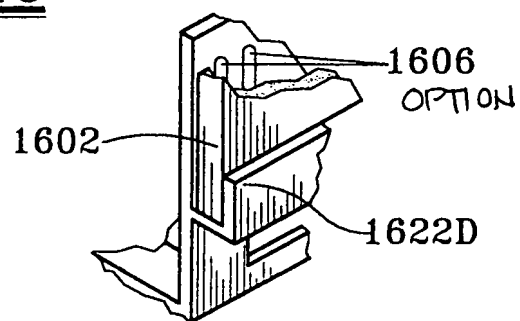
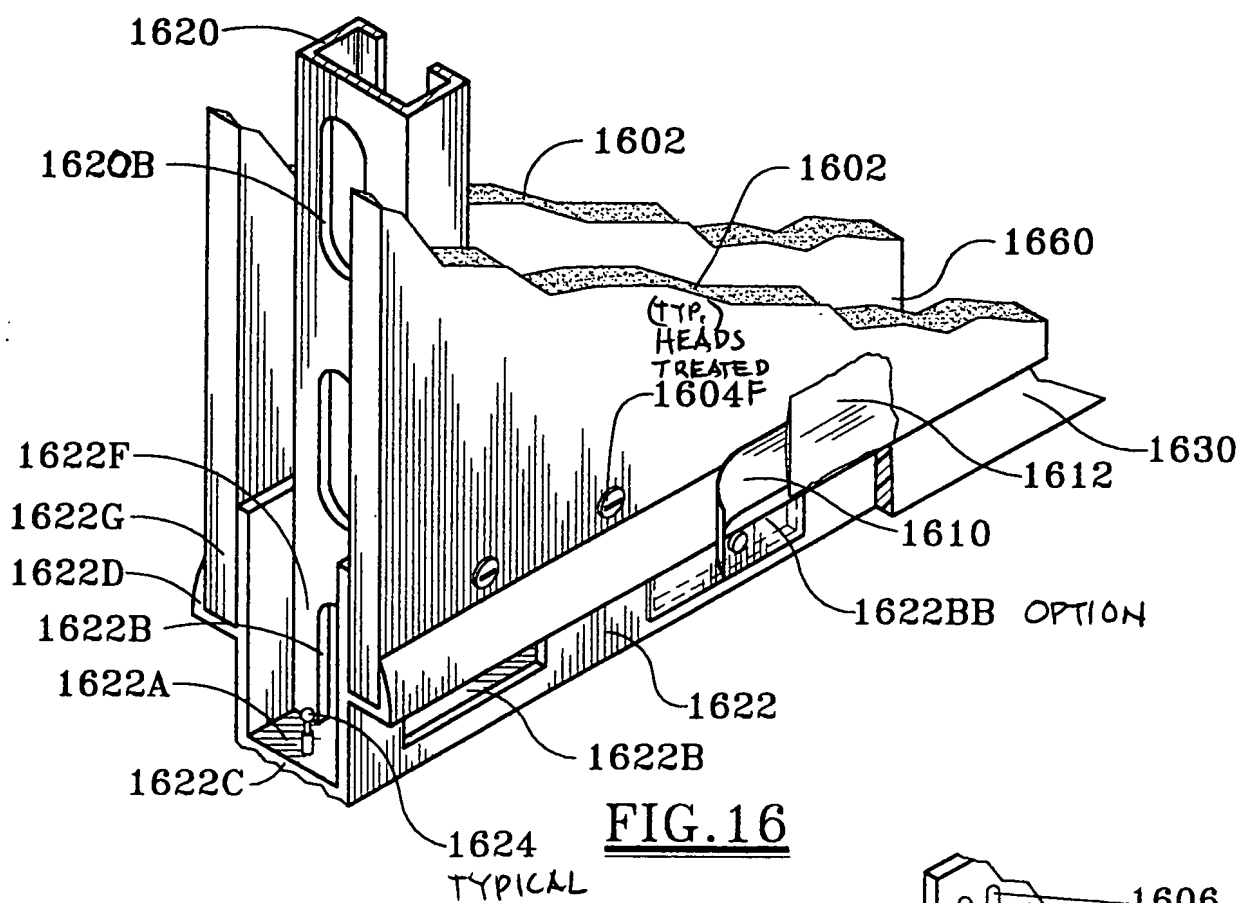
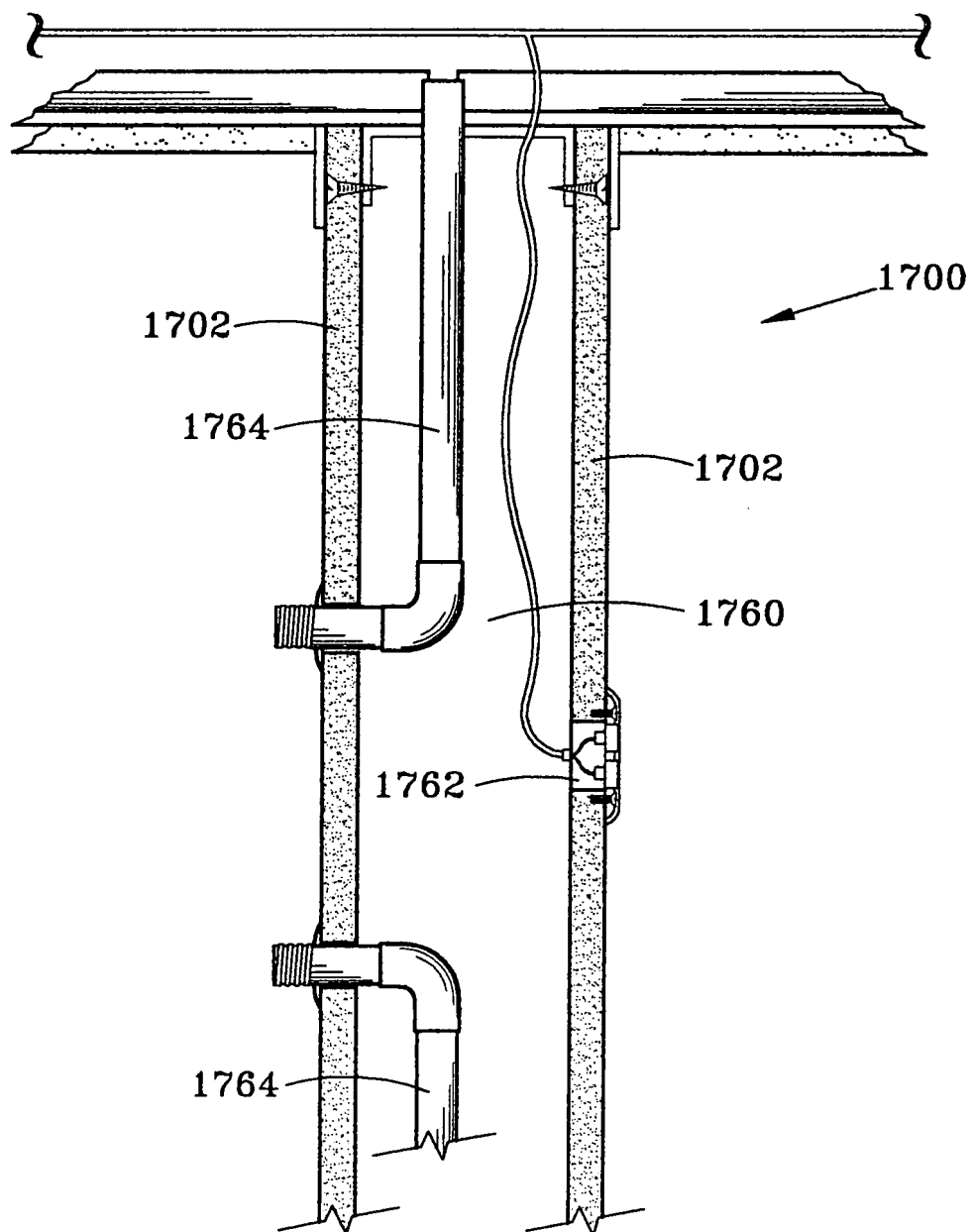


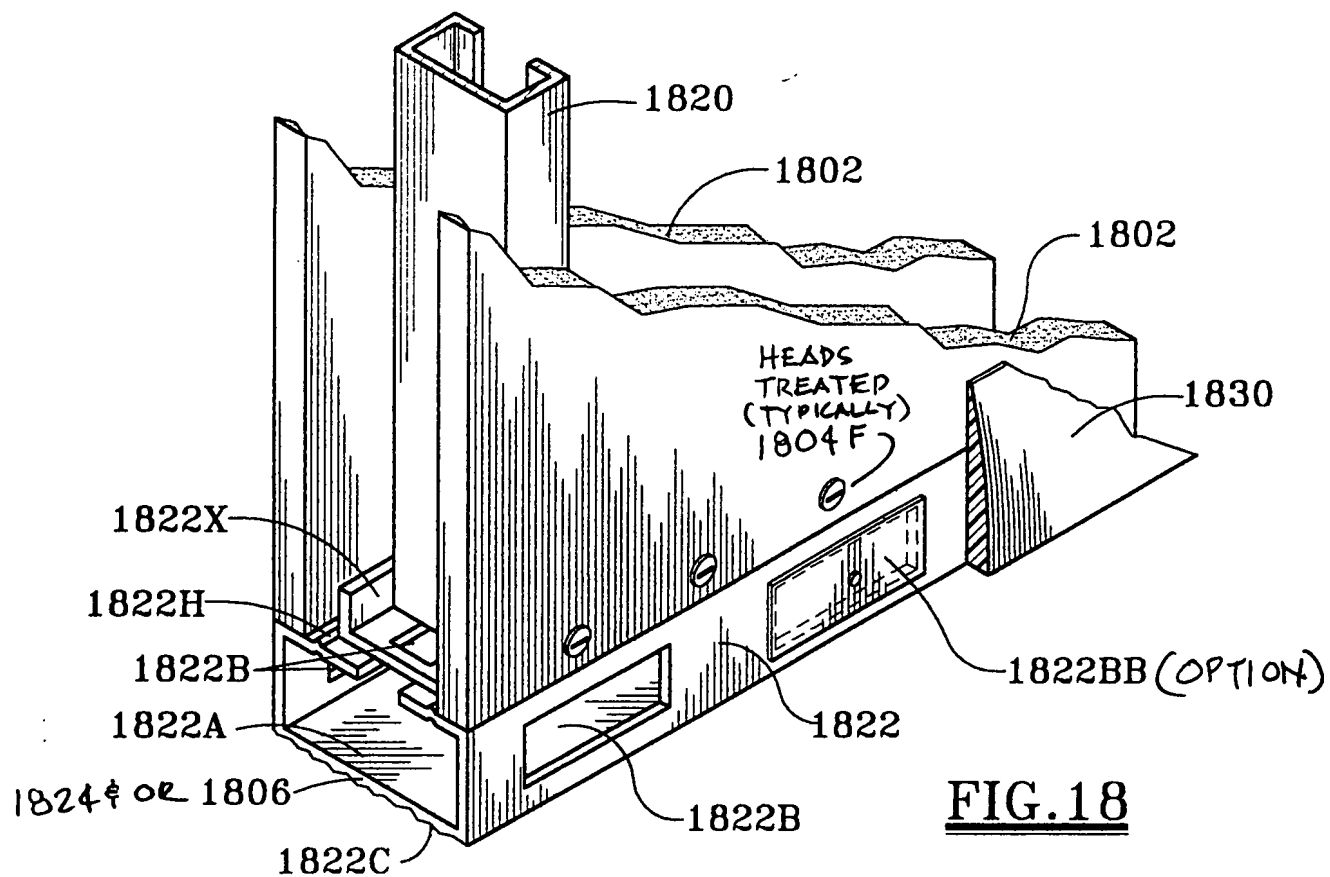
FIG. 15B



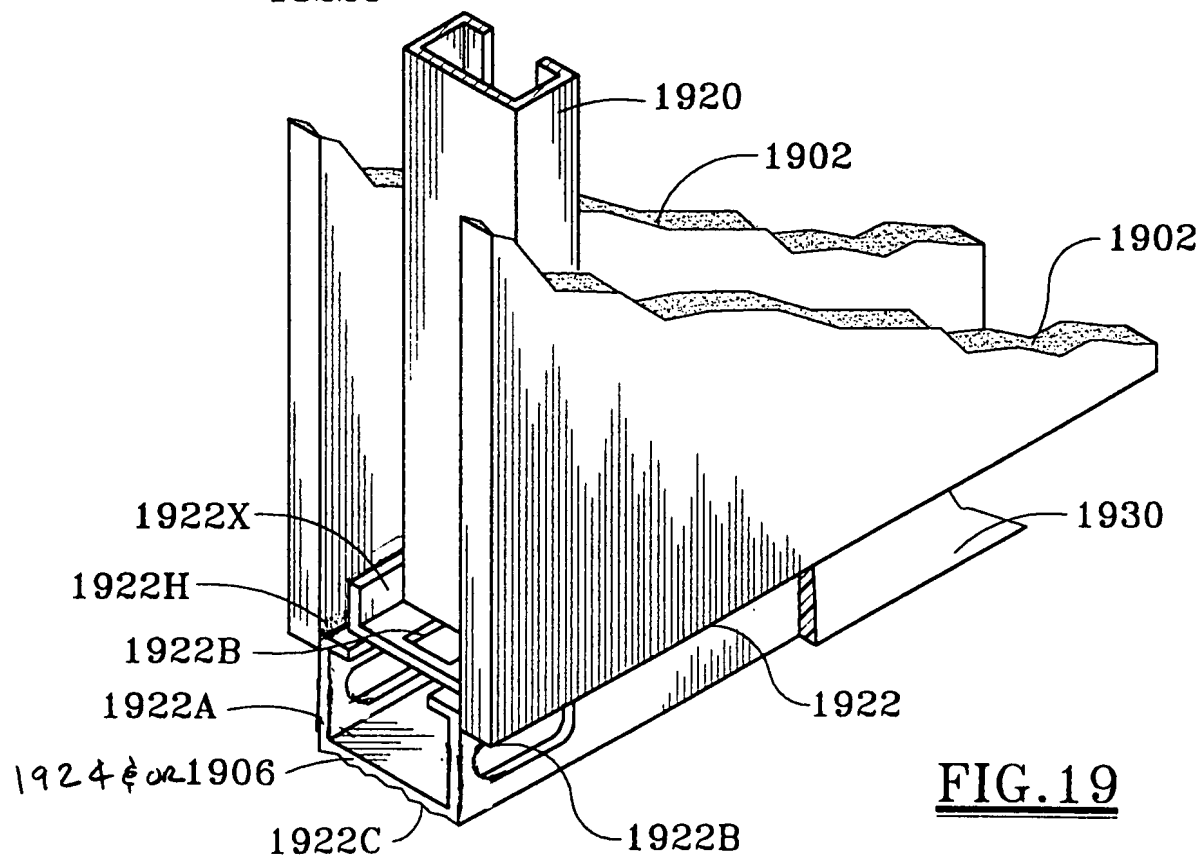
**FIG. 16A**



**FIG.17**



**FIG.18**



**FIG. 19**





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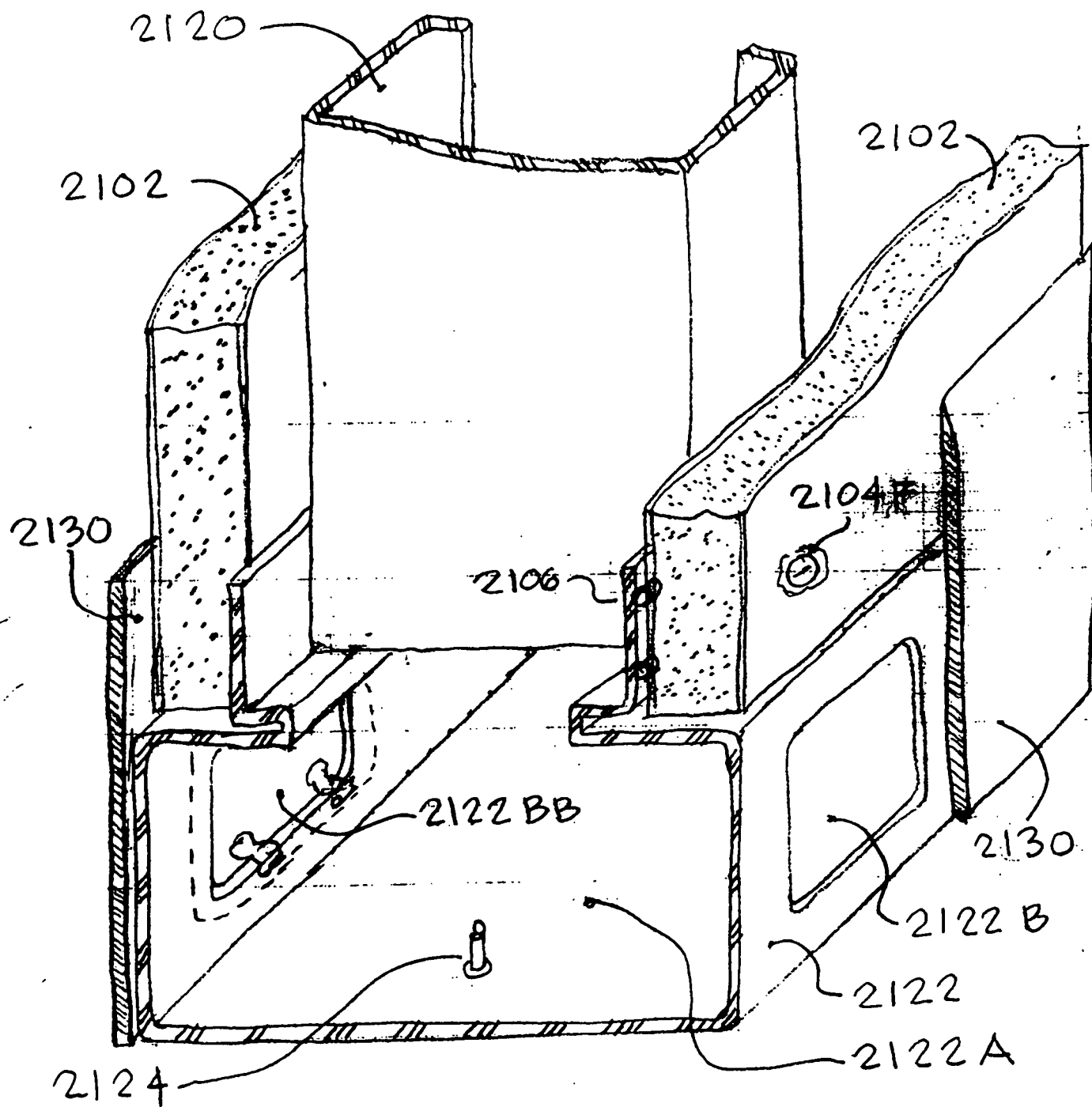


FIG. 21-A - ONE PIECE BASE  
BENT METAL (TYPICALLY) WITH  
FLUSH BASE TRIM WITH  
RAISED CHANNEL-SEAT FOR STUD

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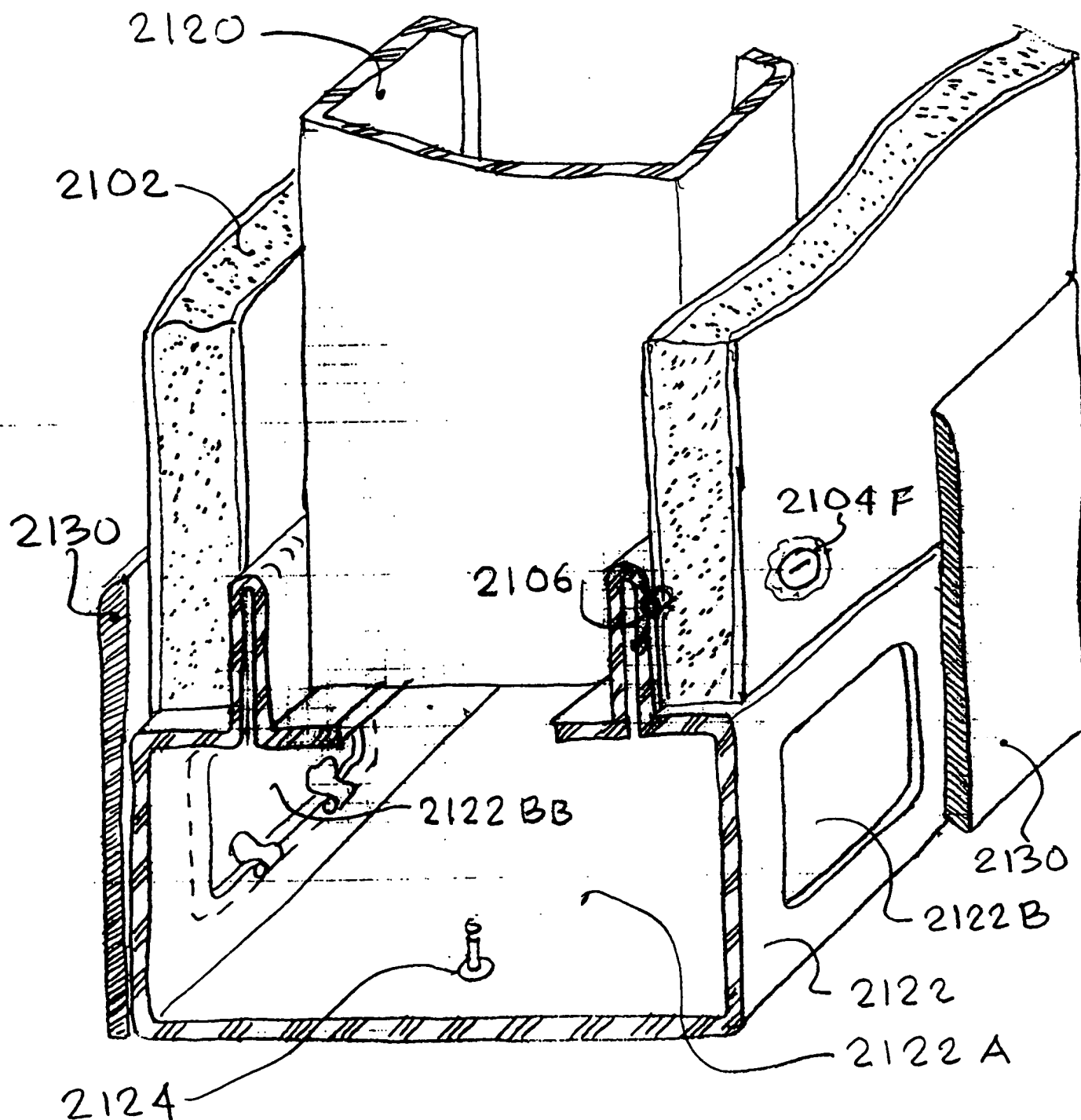


FIG 21-AA

ONE PIECE BASE

BENT METAL (TYPICALLY)

FLUSH BASE TRIM

RAISED CHANNEL-SEAT FOR STUD

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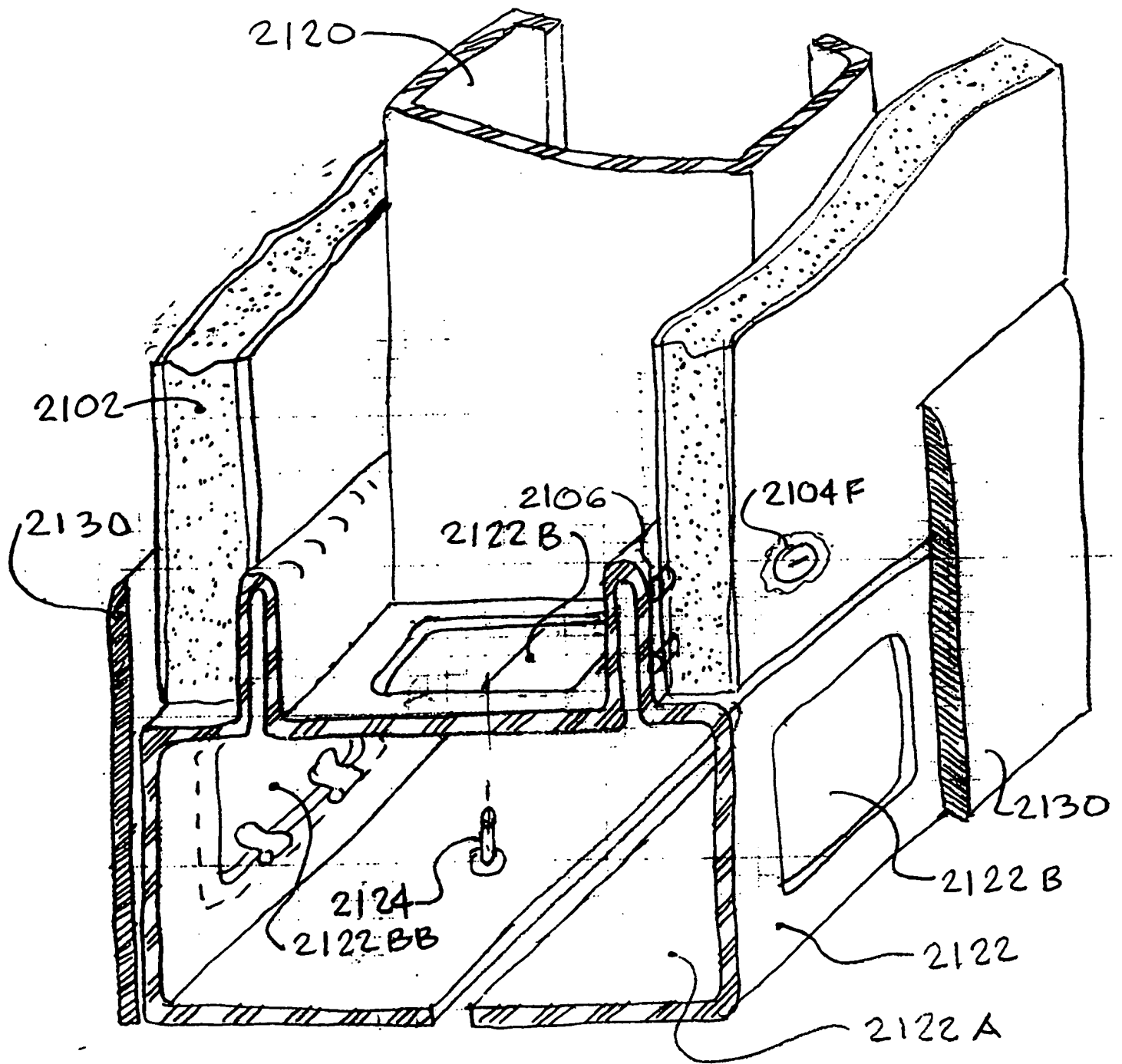


FIG 21-AAA

ONE PIECE BASE

BENT METAL (TYPICALLY)

FLUSH BASE TRIM

RAISED CHANNEL-SEAT FOR STUD

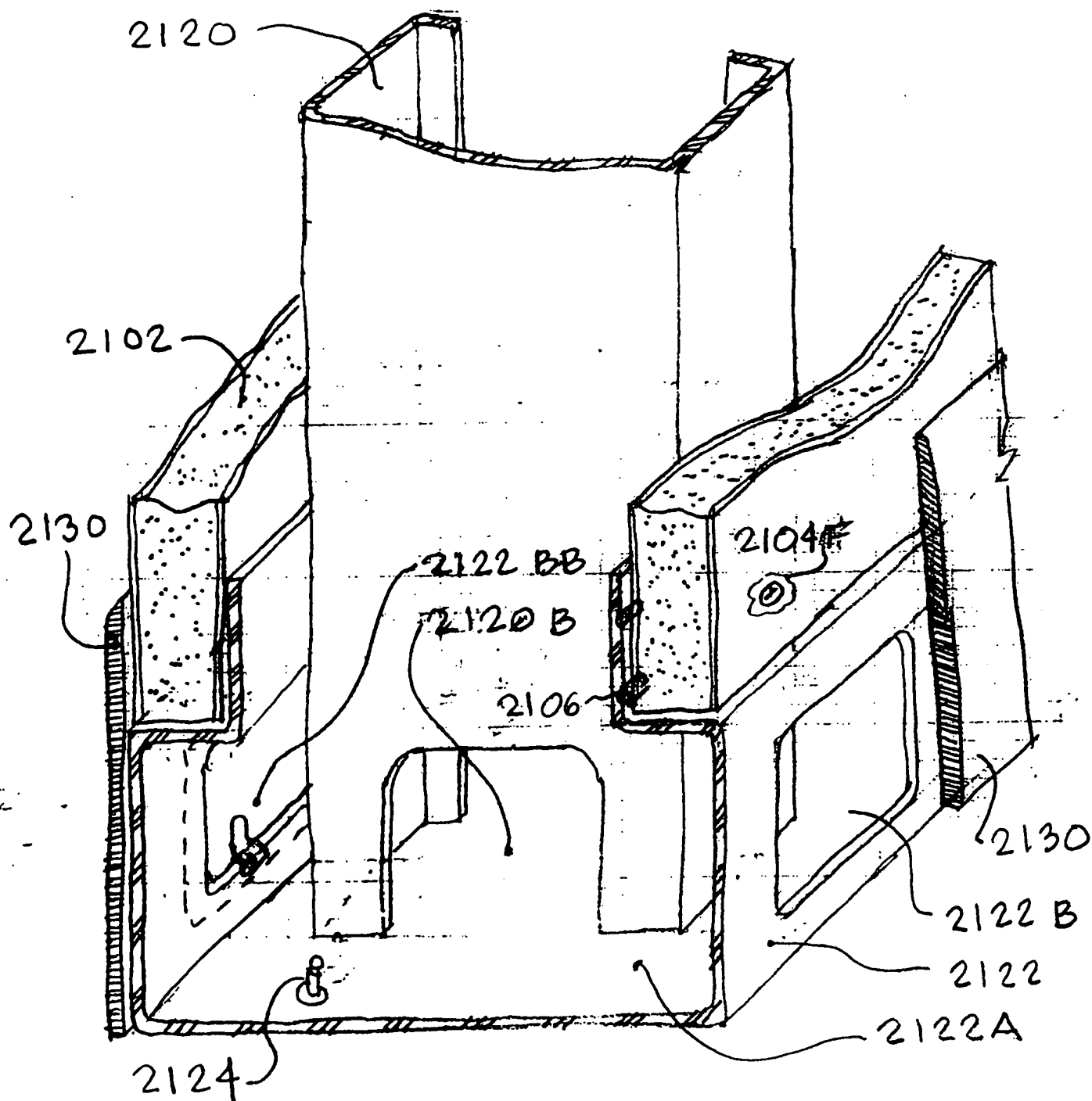


FIG. 21-B

ONE PIECE BASE  
BENT METAL (TYPICALLY)  
FLUSH BASE TRIM  
LOAD BEARING STUD

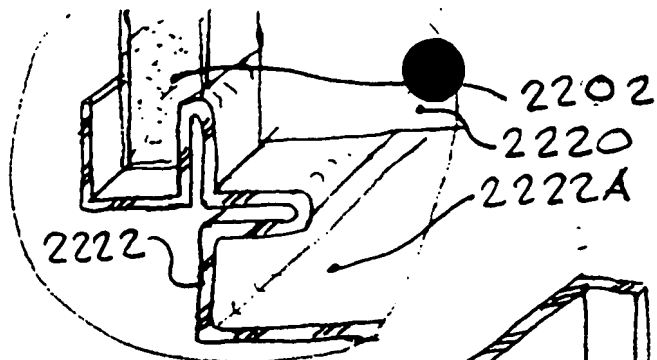


FIG. 22-AA

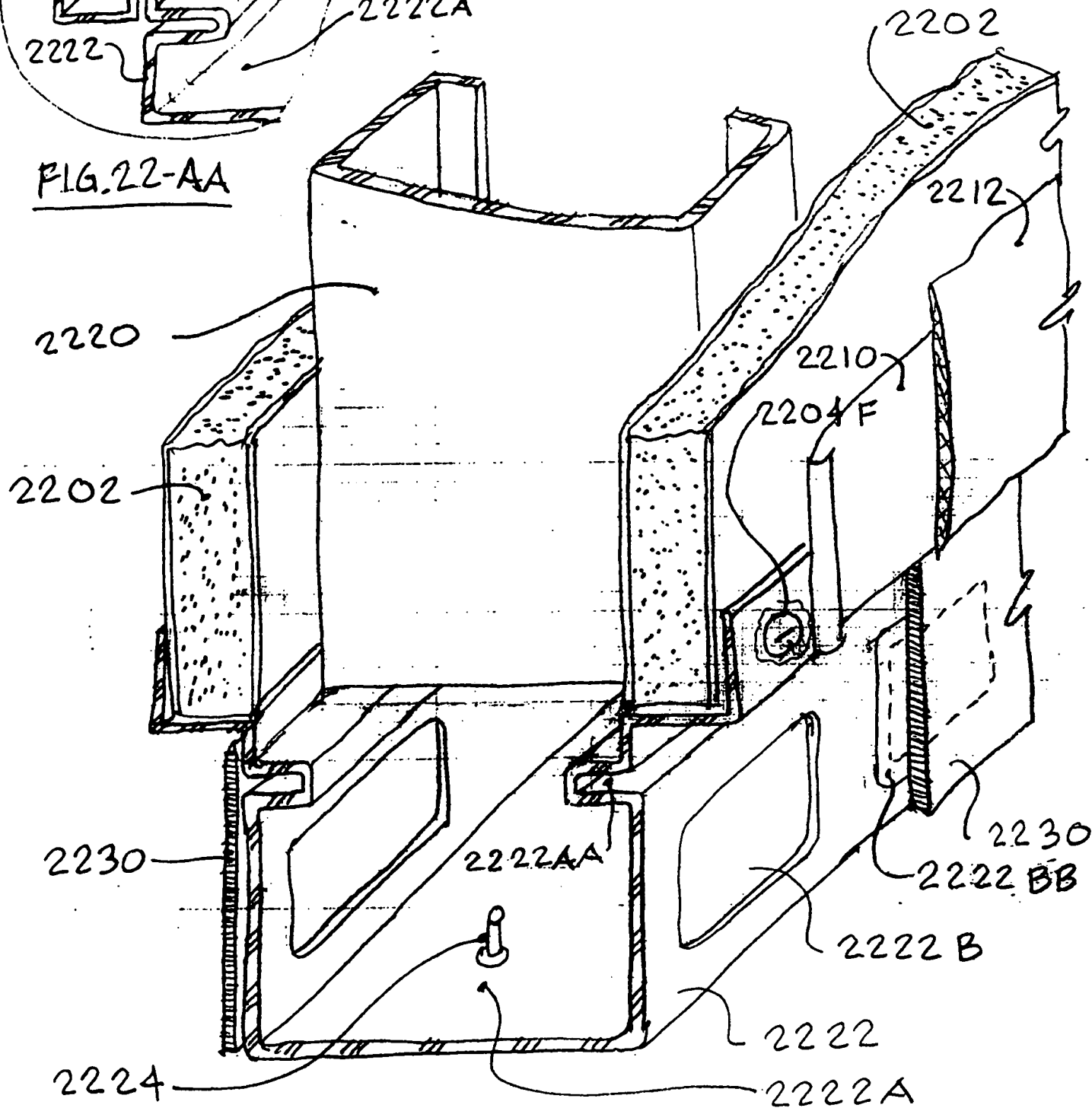


FIG 22-A

ONE PIECE BASE TRACK  
BENT METAL (TYPICALLY)  
RECESSED BASE TRIM WITH  
RAISED CHANNEL-SEAT FOR STUD

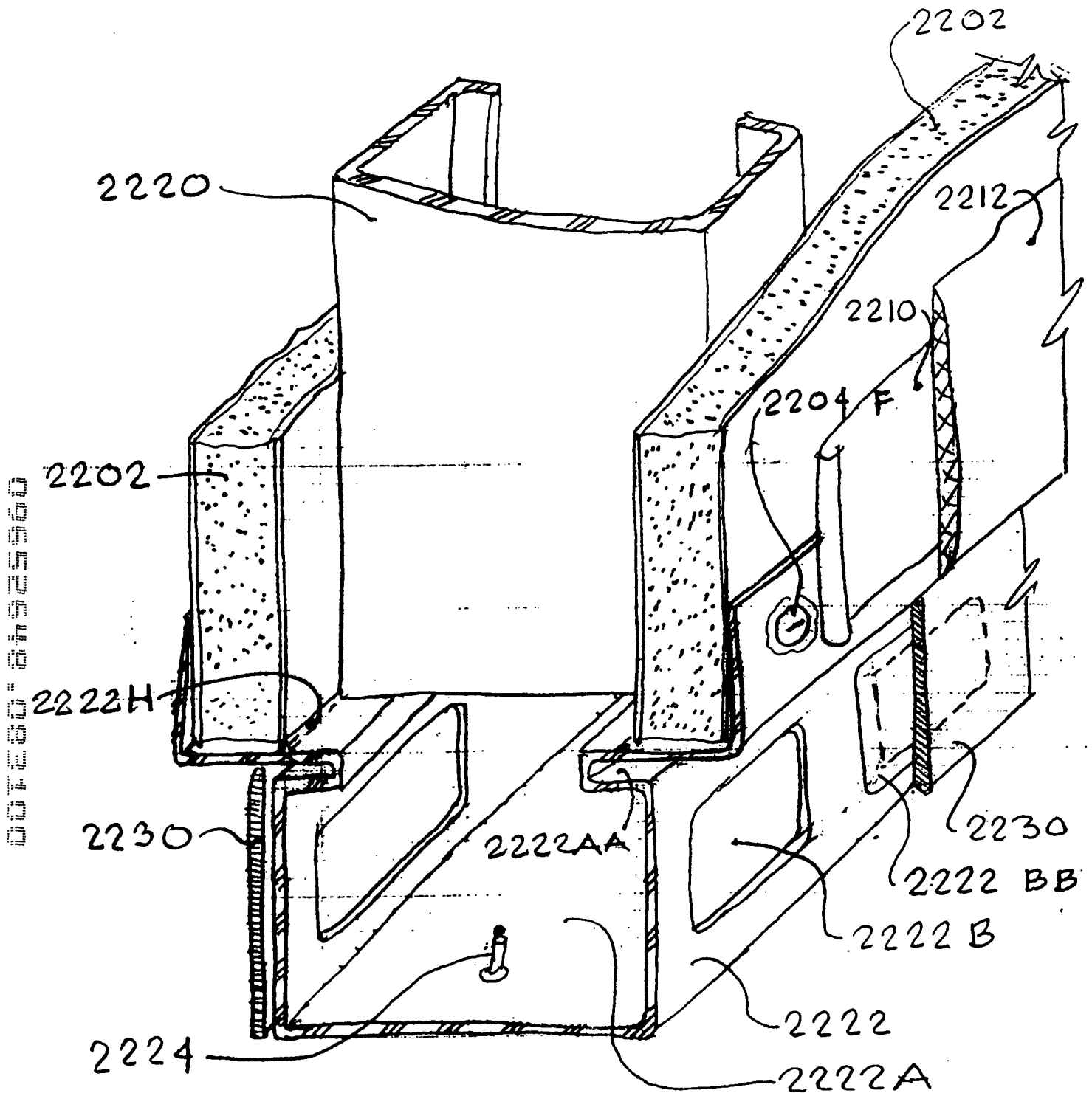


FIG. 22-B

ONE PIECE BASE TRACK  
 BENT METAL (TYPICALLY)  
RECESSED BASE TRIM  
 RAISED SEAT FOR STUD





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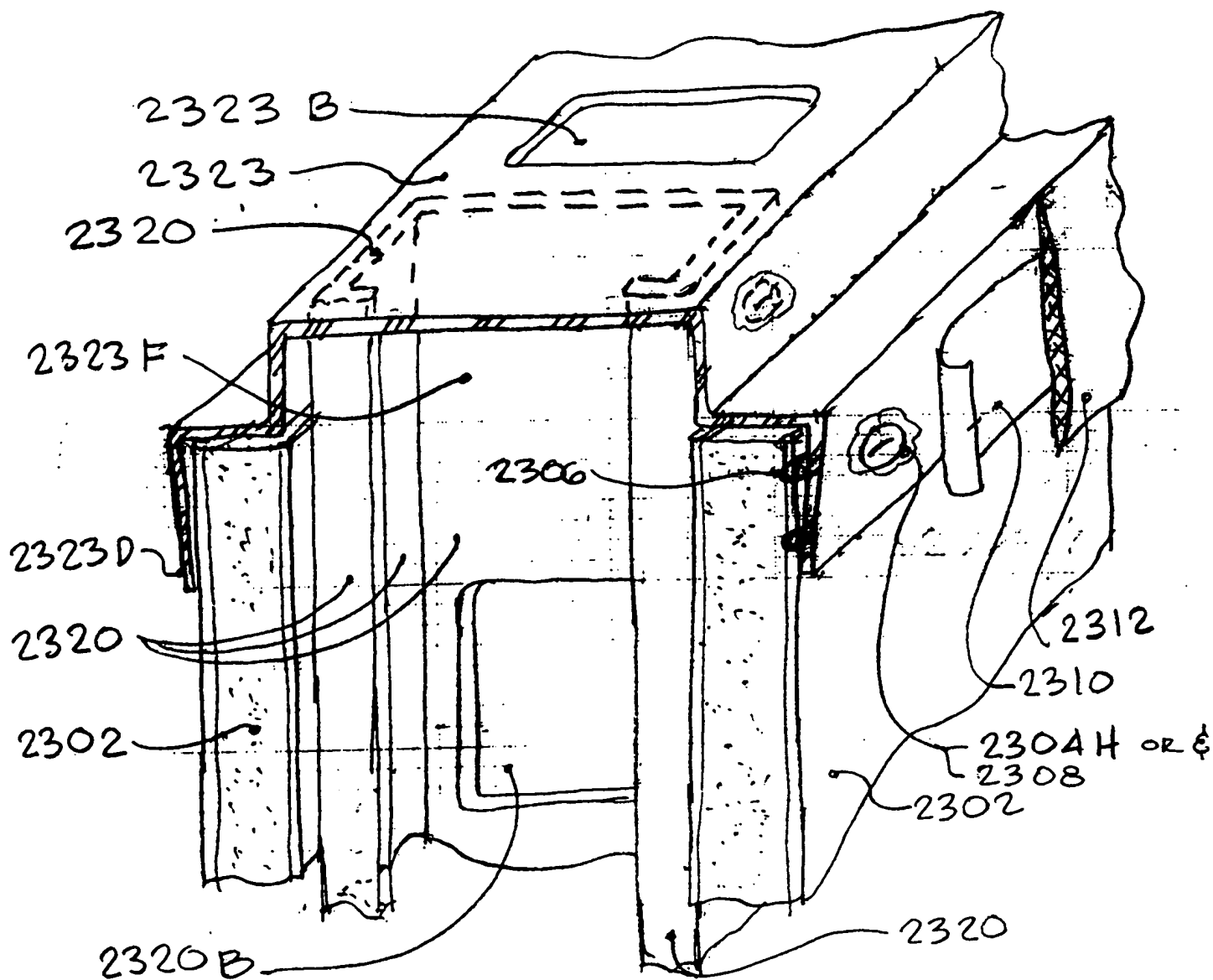


FIG. 23

ONE PIECE HEAD TRACK  
BENT METAL (TYPICALLY)

RECESSED SHADOW. REVEAL @ CEILING LINE